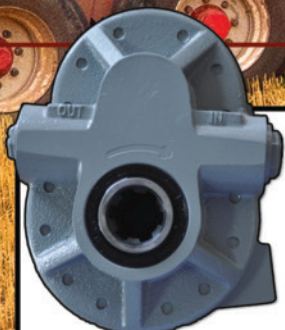


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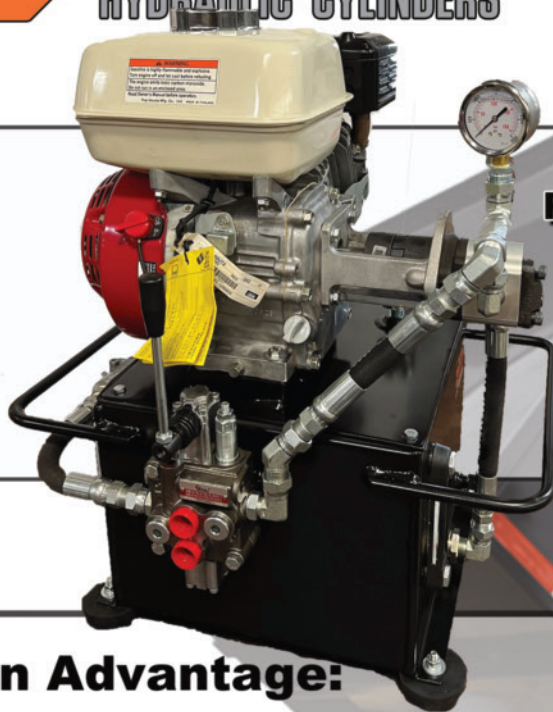




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Power Units 12V DC
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Welded Cylinders

3000 PSI

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ORB Ports

1.125" Rod



DBH-301-2010

2" Bore - 10" Stroke

CYLINDER GUIDE

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DALTON Tie-Rod Cylinders



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MAVERICK BY DALTON
Tie-Rod Cylinders



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Welded Swivel Mount
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PRINCE REPHASING
Heavy Duty - 3000 PSI



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3000 PSI TIE ROD
3000 PSI Rated



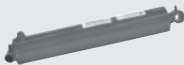
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GLADIATOR LINE
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TOP-LINK CYLINDER
3000 PSI Rated - Category I & II



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Cylinders**DALTON Tie-Rod Cylinders****- PRESSURE TESTED -
ISO-9001:2000 CERTIFIED -****2500 PSI Rated****Double Acting****Heavy Duty, Economical Hydraulic Cylinder****Standard Color is Black****DALTON
TIE-ROD FEATURES**

- Double-acting applications,
- Rods are hardened 50 -55 rockwell C, superior quality chrome plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- High tensile strength tie-rods with rolled threads for durability;
- 100% top quality seals installed.



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.



DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Column Load	Pin Size	Wt.	1-9	10 & Up
2" BORE									
DBH-2004	4	1 1/8	14.25	3/8 NPTF	7,854 lbs	1"	17	82.08	75.52
DBH-2006	6	1 1/8	16.25	3/8 NPTF	7,854 lbs	1"	17	90.91	83.62
DBH-2008	8	1 1/8	18.25	3/8 NPTF	7,854 lbs	1"	17	94.24	71.40
DBH-2008-A	8	1 1/8	20.25	3/8 NPTF	7,854 lbs	1"	17	93.67	86.17
DBH-2010	10	1 1/8	20.25	3/8 NPTF	7,854 lbs	1"	20	105.34	96.90
DBH-2012	12	1 1/8	22.25	3/8 NPTF	7,854 lbs	1"	22	112.59	103.61
DBH-2014	14	1 1/8	24.25	3/8 NPTF	7,854 lbs	1"	22	119.44	109.87
DBH-2016	16	1 1/8	26.25	3/8 NPTF	7,854 lbs	1"	23	120.46	110.83
DBH-2018	18	1 1/8	28.25	3/8 NPTF	7,854 lbs	1"	24	133.80	123.11
DBH-2020	20	1 1/8	30.25	3/8 NPTF	6,950 lbs	1"	25	138.22	127.19
DBH-2022	22	1 1/8	32.25	3/8 NPTF	5,180 lbs	1"	26	146.88	134.57
DBH-2024	24	1 1/8	34.25	3/8 NPTF	5,180 lbs	1"	26	153.23	140.95
DBH-2030	30	1 1/8	40.25	3/8 NPTF	3,570 lbs	1"	35	180.19	165.76
DBH-2036	36	1 1/8	46.25	3/8 NPTF	2,610 lbs	1"	40	203.35	187.10
DBH-2048	48	1 1/4	58.25	3/8 NPTF	1,570 lbs	1"	59	239.34	231.21
2 1/2" BORE									
DBH-2504	4	1 1/8	14.25	3/8 NPTF	12,272 lbs	1"	18	98.58	90.70
DBH-2506	6	1 1/8	16.25	3/8 NPTF	12,272 lbs	1"	19	104.32	95.99
DBH-2508	8	1 1/8	18.25	3/8 NPTF	12,272 lbs	1"	20	106.59	98.07
DBH-2508-A	8	1 1/8	20.25	3/8 NPTF	12,272 lbs	1"	21	109.49	100.75
DBH-2510	10	1 1/8	20.25	3/8 NPTF	12,272 lbs	1"	22	119.34	109.81
DBH-2512	12	1 1/8	22.25	3/8 NPTF	12,272 lbs	1"	24	126.43	116.31
DBH-2514	14	1 1/8	24.25	3/8 NPTF	12,272 lbs	1"	25	136.70	125.79
DBH-2516	16	1 1/8	26.25	3/8 NPTF	10,001 lbs	1"	27	143.62	132.13
DBH-2518	18	1 1/8	28.25	3/8 NPTF	8,370 lbs	1"	28	150.53	138.50
DBH-2520	20	1 1/8	30.25	3/8 NPTF	7,104 lbs	1"	30	154.04	141.73
DBH-2522	22	1 1/8	32.25	3/8 NPTF	5,301 lbs	1"	31	154.69	142.31
DBH-2524	24	1 1/8	34.25	3/8 NPTF	5,301 lbs	1"	33	171.41	157.70
DBH-2530	30	1 1/4	40.25	3/8 NPTF	5,504 lbs	1"	45	190.09	174.91
DBH-2536	36	1 1/4	46.25	3/8 NPTF	4,020 lbs	1"	56	223.01	205.17
DBH-2548	48	1 1/4	58.25	3/8 NPTF	2,411 lbs	1"	58	267.38	246.00
DBH-2560	60	1 1/4	70.25	3/8 NPTF	1,614 lbs	1"	73	425.46	391.48
3" BORE									
DBH-3004	4	1 1/4	14.25	1/2 NPTF	17,672 lbs	1"	23	111.20	102.30
DBH-3006	6	1 1/4	16.25	1/2 NPTF	17,672 lbs	1"	24	116.59	107.27
DBH-3008	8	1 1/4	18.25	1/2 NPTF	17,672 lbs	1"	25	119.91	110.32
DBH-3008-A	8	1 1/4	20.25	1/2 NPTF	17,672 lbs	1"	26	121.45	111.75
DBH-3010	10	1 1/4	20.25	1/2 NPTF	17,672 lbs	1"	27	133.61	122.92
DBH-3012	12	1 1/4	22.25	1/2 NPTF	17,672 lbs	1"	29	143.64	132.17
DBH-3014	14	1 1/4	24.25	1/2 NPTF	17,672 lbs	1"	31	152.60	140.37
DBH-3016	16	1 1/4	26.25	1/2 NPTF	17,672 lbs	1"	33	154.35	144.10
DBH-3016-A	16	1 3/8	31.5	1/2 NPTF	17,672 lbs	1 1/4"	34	161.03	148.13
DBH-3018	18	1 1/4	28.25	1/2 NPTF	12,691 lbs	1"	35	167.29	152.51
DBH-3020	20	1 1/4	30.25	1/2 NPTF	10,785 lbs	1"	37	173.13	159.29
DBH-3022	22	1 1/4	32.25	1/2 NPTF	9,126 lbs	1"	40	182.91	168.28
DBH-3024	24	1 1/4	34.25	1/2 NPTF	8,050 lbs	1"	41	189.77	174.59
DBH-3030	30	1 1/4	40.25	1/2 NPTF	11,240 lbs	1"	59	212.21	195.24
DBH-3036	36	1 1/2	46.25	1/2 NPTF	8,222 lbs	1"	68	236.62	207.32
DBH-3048	48	1 1/2	58.25	1/2 NPTF	4,950 lbs	1"	81	279.24	256.90
3 1/2" BORE									
DBH-3504	4	1 1/4	14.25	1/2 NPTF	19,242 lbs	1"	23	122.98	105.44
DBH-3506	6	1 1/4	16.25	1/2 NPTF	19,242 lbs	1"	26	135.93	116.53
DBH-3508	8	1 1/4	18.25	1/2 NPTF	19,242 lbs	1"	28	144.40	123.80
DBH-3508-A	8	1 3/8	20.25	1/2 NPTF	19,242 lbs	1"	29	145.95	125.12
DBH-3510	10	1 1/4	20.25	1/2 NPTF	19,242 lbs	1"	30	161.15	138.15
DBH-3512	12	1 1/4	22.25	1/2 NPTF	19,242 lbs	1"	33	169.94	145.70
DBH-3514	14	1 1/4	24.25	1/2 NPTF	18,733 lbs	1"	35	184.47	158.16
DBH-3516	16	1 1/4	26.25	1/2 NPTF	15,394 lbs	1"	36	196.94	168.83
DBH-3516-A	16	1 3/8	31.5	1/2 NPTF	22,050 lbs	1"	37	198.47	170.14
DBH-3518	18	1 1/4	28.25	1/2 NPTF	12,877 lbs	1"	40	204.89	175.64
DBH-3520	20	1 1/2	30.25	1/2 NPTF	10,921 lbs	1"	42	214.25	183.67
DBH-3522	22	1 1/2	32.25	1/2 NPTF	10,222 lbs	1"	47	237.44	203.53
DBH-3524	24	1 1/2	34.25	1/2 NPTF	16,652 lbs	1"	51	246.14	211.02
DBH-3530	30	1 1/2	40.25	1/2 NPTF	11,480 lbs	1"	61	315.50	270.48
DBH-3532	32	1 1/2	42.25	1/2 NPTF	10,100 lbs	1"	64	350.29	300.29
DBH-3536	36	1 1/2	46.25	1/2 NPTF	8,388 lbs	1"	69	356.64	305.73
DBH-3548	48	1 1/2	58.25	1/2 NPTF	5,038 lbs	1"	84	400.87	343.67

**DALTON
DEAL**

DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Size	Column Load	Wt.	1-9	10-Up
4" BORE									
DBH-4004	4	1 1/4	14.25	1/2 NPTF	1"	31,416 lbs	29	153.74	141.45
DBH-4006	6	1 1/4	16.25	1/2 NPTF	1"	31,416 lbs	31	158.32	152.59
DBH-4008	8	1 1/4	18.25	1/2 NPTF	1"	31,416 lbs	34	177.66	164.49
DBH-4008-A	8	1 1/2	20.25	1/2 NPTF	1"	31,416 lbs	35	179.21	164.84
DBH-4010	10	1 1/4	20.25	1/2 NPTF	1"	31,416 lbs	37	198.19	182.34
DBH-4012	12	1 1/4	22.25	1/2 NPTF	1"	31,416 lbs	40	215.66	198.43
DBH-4014	14	1 1/4	24.25	1/2 NPTF	1"	31,416 lbs	43	233.16	214.52
DBH-4016	16	1 1/2	26.25	1/2 NPTF	1"	31,416 lbs	45	246.72	226.99
DBH-4016-A	16	1 3/4	31.5	1/2 NPTF	1 1/4"	31,416 lbs	46	249.77	229.78
DBH-4018	18	1 1/4	28.25	1/2 NPTF	1"	31,416 lbs	49	263.80	242.70
DBH-4020	20	1 1/2	30.25	1/2 NPTF	1"	22,600 lbs	53	276.82	254.70
DBH-4024	24	1 1/2	34.25	1/2 NPTF	1"	16,650 lbs	61	287.62	264.62
DBH-4024-2	24	2	34.25	1/2 NPTF	1"	31,416 lbs	65	298.29	274.42
DBH-4030	30	1 3/4	40.25	1/2 NPTF	1"	31,416 lbs	87	356.19	327.72
DBH-4030-3	30	2	40.25	8 SAE	1"	31,416 lbs	91	398.99	315.15
DBH-4036	36	2	46.25	1/2 NPTF	1"	25,890 lbs	98	402.75	370.52
DBH-4048	48	2	58.25	1/2 NPTF	1"	15,566 lbs	123	454.15	417.83
5" BORE									
DBH-5004	4	1 1/2	16.25	1/2 NPTF	1"	49,087 lbs	54	367.17	337.81
DBH-5006	6	1 1/2	18.25	1/2 NPTF	1"	49,087 lbs	57	388.29	357.21
DBH-5008	8	1 1/2	20.25	1/2 NPTF	1"	49,087 lbs	62	390.61	359.36
DBH-5010	10	1 1/2	22.25	1/2 NPTF	1"	49,087 lbs	63	412.50	379.51
DBH-5012	12	2	24.25	1/2 NPTF	1"	49,087 lbs	86	443.85	408.35
DBH-5014	14	2	26.25	1/2 NPTF	1"	49,087 lbs	88	450.78	414.73
DBH-5016	16	2	28.25	1/2 NPTF	1"	49,087 lbs	91	474.83	436.83
DBH-5016-A	16	2	31.5	1/2 NPTF	1 1/4"	49,087 lbs	98	440.23	405.03
DBH-5018	18	2	30.25	1/2 NPTF	1"	49,087 lbs	95	480.61	442.12
DBH-5020	20	2	32.25	1/2 NPTF	1"	49,087 lbs	99	494.66	455.05
DBH-5024	24	2	36.25	1/2 NPTF	1"	49,087 lbs	105	548.14	504.30
DBH-5030	30	2	42.25	1/2 NPTF	1"	49,087 lbs	110	627.68	577.45



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.



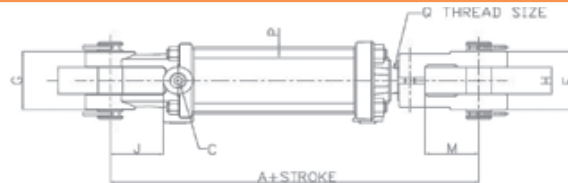
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Cylinder Accessories - Seal Kits



DBH Part #	Description	Each	DBH Part #	Description	Each
DBH-2000-SK	2" Bore - 1-1/8" Rod Seal Kit	37.38	DBH-3501-SK	3.5" Bore - 1-3/8" Rod Seal Kit	43.37
DBH-2500-SK	2.5" Bore - 1-1/8" Rod Seal Kit	39.98	DBH-3502-SK	3.5" Bore - 1-1/2" Rod Seal Kit	43.37
DBH-2501-SK	2.5" Bore - 1 1/4" Rod Seal	40.42	DBH-4000-SK	4" Bore - 1-1/4" Rod Seal Kit	44.83
DBH-3000-SK	3" Bore - 1-1/4" Rod Seal Kit	42.17	DBH-4001-SK	4" Bore - 1-1/2" Rod Seal Kit	45.90
DBH-3001-SK	3" Bore - 1-3/8" Rod Seal Kit	42.17	DBH-4002-SK	4" Bore - 1-3/4" Rod Seal Kit	47.22
DBH-3500-SK	3.5" Bore - 1-1/4" Rod Seal Kit	43.70	DBH-4003-SK	4" Bore - 2" Rod Seal Kit	50.34
			DBH-5000-SK	5" Bore - 1-1/2" Rod Seal Kit	57.57



BORE	A	B*	C	E	G	H,I	J	M	P	Q	R	S
2.000	10.250	0.188	3/8"NPT	2.500	2.500	1.125	2.000	2.125	0.350	1 1/8-12 UNF	1.015	2.000
2.500	10.250	0.188	3/8"NPT	2.500	2.500	1.125	2.000	2.125	0.350	1 1/8-12 UNF	1.015	2.000
3.000	10.250	0.188	1/2"NPT	2.717	2.500	1.125	2.000	2.125	0.500	1 1/4-12 UNF	1.015	2.250
3.500	10.250	0.188	1/2"NPT	2.717	2.500	1.125	2.000	2.125	0.562	1 1/4-12 UNF	1.015	2.250
4.000	10.250	0.218	1/2"NPT	2.717	2.625	1.125	2.000	2.125	0.562	1 1/4-12 UNF	1.015	2.250

* B is Wall thickness of tube.



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Hydraulic
Cylinders
**MAVERICK™ Tie-Rod
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DALTON Exclusive
**Heavy-Duty 2,500PSI****MAVERICK
CYLINDER
FEATURES**

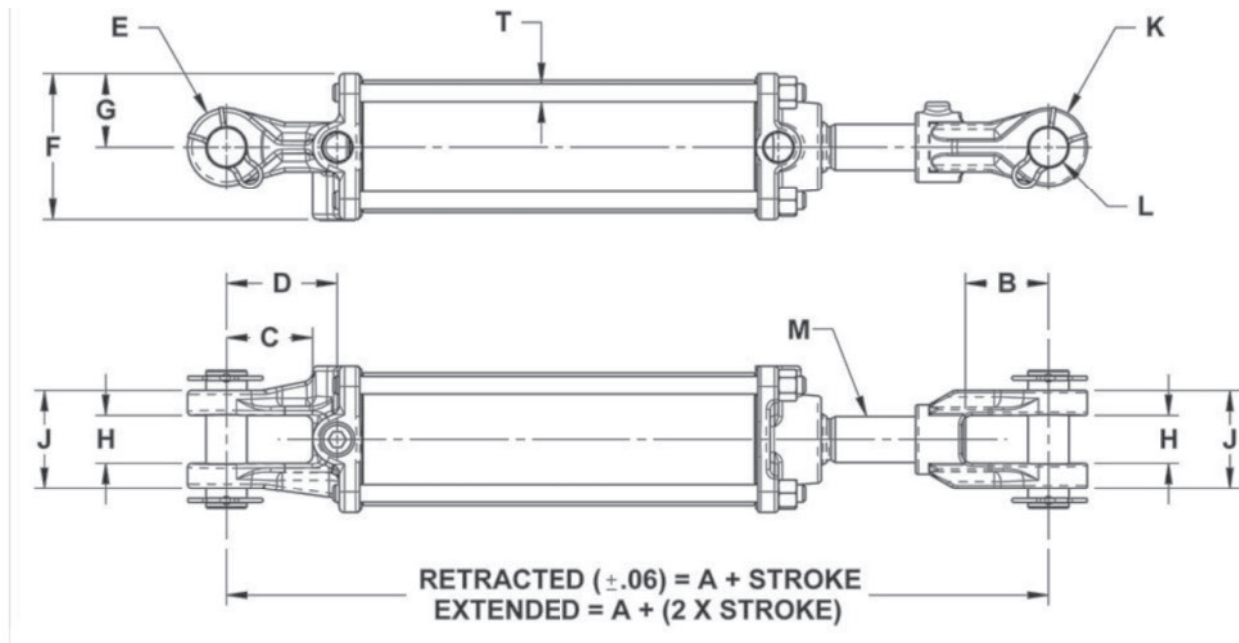
- High Tensile Steel Pins and Retainers, Zinc Plated
- Double Ported NPT
- Shafts are hardened 1045 high strength steel
- Precision Finished Skive and Burnished Heavy Wall Tubing
- 100% Top quality sealing.
- **Standard color is Red**
- SAE Ports Available

DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Size	Column Load	Wt.	Each
2" BORE								
500-2006-C	6	1 1/8	16.25	#8 SAE	1"	7,850 lbs	12	96.37
500-2008-C	8	1 1/8	18.25	3/8 NPT	1"	7,850 lbs	14	116.41
500-2010	10	1 1/8	20.25	3/8 NPT	1"	7,850 lbs	15	127.26
500-2020	20	1 1/8	30.25	3/8 NPT	1"	6,950 lbs	21	152.17
500-2000-SK				Packing Kit		29.39		
2 1/2" BORE								
500-2516	16	1 1/8	26.25	3/8 NPT	1"	10,000 lbs	21	174.58
500-2520	20	1 1/4	30.25	3/8 NPT	1"	7,102 lbs	26	189.42
500-2501-SK		1.125" Rod		Packing Kit		34.16		
500-2502-SK		1.25" Rod		Packing Kit		32.64		
3" BORE								
500-3004	4	1 1/4	14.25	1/2 NPT	1"	17,670 lbs	16	142.09
500-3008	8	1 1/4	18.25	1/2 NPT	1"	17,670 lbs	19	166.90
500-3036	36	1 1/2	46.25	1/2 NPT	1"	8,210 lbs	54	307.14
500-3000-SK		1.25" Rod		Packing Kit		37.55		
500-3001-SK		1.5" Rod		Packing Kit		35.34		
3 1/2" BORE								
500-3508-A	8	1 1/4	20.25	1/2 NPT	1"	24,053 lbs	25	144.66
500-3516	16	1 1/4	26.25	1/2 NPT	1"	15,391 lbs	33	189.05
500-3500-SK		1.25" Rod		Packing Kit		42.48		
500-3501-SK		1.5" Rod		Packing Kit		39.50		



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

DBH Part #	Stroke (in)	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Column Load	WT	Each
4" Bore								
500-4008	8	1 1/4	18.25	1/2 NPT	1"	31,416 lbs	30	205.83
500-4000-SK		1.25" Rod		Packing Kit		49.39		
500-4001- SK		1.5" Rod		Packing Kit		46.43		



DIMENSIONS IN INCHES

BORE	2"	2 1/2"	3"	3 1/2"	4"
A	10.25	10.25	10.25	10.25	10.25
A - ASAE	12.25	12.25	12.25	12.25	12.25
B	2.13	2.13	2.13	2.13	2.13
C	2.10	2.10	2.10	2.10	2.10
D	2.71	2.71	2.71	2.71	2.76
E	1.60	1.70	1.90	2.00	2.00
F	2.70	3.20	3.60	4.25	4.85
G	1.35	1.60	1.80	2.13	2.43
H	1.17	1.17	1.17	1.17	1.17
J	2.40	2.40	2.40	2.41	2.61
K	1.70	1.70	1.90	2.25	2.25
L	φ1.00	φ1.00	φ1.00	φ1.00	φ1.00
M (Rod Thread)	1-14UNS-3B	1-14UNS-3B	1 1/8 - 12UNS-3B	1 1/4 - 12UNS-3B	1 1/8 - 12UNS-3B
P - NPT	3/8NPT	3/8NPT	1/2NPT	1/2NPT	1/2NPT
T	φ5/16	φ3/8	φ7/16	φ1/2	φ9/16

* Cylinder Column Load - Column strength loading normally affects all types of longer stroke cylinders. Affected cylinders should not be operated beyond these limits as the cylinder rod may buckle or bend

Hydraulic
CylindersMAVERICK™ Tie-Rod
Cylinder- 3000 PSI

DALTON Exclusive



Heavy-Duty 3,000PSI

MAVERICK
CYLINDER
FEATURES

- High Tensile Steel Pins and Retainers, Zinc Plated
- Double Ported SAE
- Shafts are hardened 1045 high strength steel
- Precision Finished Skive and Burnished Heavy Wall Tubing
- 100% Top quality sealing.
- Standard color is Black



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Size	Column Load	Wt.	Each
2" BORE								
300-2004	4	1 1/8	14.25	#8 SAE	1"	9,425 lbs	13	122.43
300-2006	6	1 1/8	16.25	#8 SAE	1"	9,425 lbs	14	126.21
300-2008	8	1 1/8	18.25	#8 SAE	1"	9,425 lbs	16	136.22
300-2008-A	8	1 1/8	20.25	#8 SAE	1"	9,425 lbs	16	137.77
300-2010	10	1 1/8	20.25	#8 SAE	1"	9,425 lbs	17	141.04
300-2012	12	1 1/8	22.25	#8 SAE	1"	9,425 lbs	19	151.62
300-2014	14	1 1/8	24.25	#8 SAE	1"	9,425 lbs	20	163.11
300-2016	16	1 1/8	26.25	#8 SAE	1"	9,425 lbs	22	164.01
300-2018	18	1 1/8	28.25	#8 SAE	1"	8,310 lbs	23	168.20
300-2020	20	1 1/8	30.25	#8 SAE	1"	7,050 lbs	25	172.38
300-2024	24	1 1/8	34.25	#8 SAE	1"	5,250 lbs	28	188.52
300-2030	30	1 1/8	40.25	#8 SAE	1"	3,610 lbs	33	209.58
300-2036	36	1 1/8	46.25	#8 SAE	1"	2,630 lbs	37	251.95
300-2048	48	1 1/8	58.25	#8 SAE	1"	1,810 lbs	46	279.29
300-2000-SK				Packing Kit		64.52		
2 1/2" BORE								
300-2506	6	1 1/4	16.25	#8 SAE	1"	14,726 lbs	17	131.38
300-2508	8	1 1/4	18.25	#8 SAE	1"	14,726 lbs	19	151.15
300-2508-A	8	1 1/4	20.25	#8 SAE	1"	14,726 lbs	19	145.71
300-2510	10	1 1/4	20.25	#8 SAE	1"	14,726 lbs	20	154.10
300-2512	12	1 1/4	22.25	#8 SAE	1"	14,726 lbs	22	155.44
300-2514	14	1 1/4	24.25	#8 SAE	1"	14,726 lbs	24	166.03
300-2516	16	1 1/4	26.25	#8 SAE	1"	14,726 lbs	26	172.77
300-2518	18	1 1/4	28.25	#8 SAE	1"	12,792 lbs	27	196.41
300-2520	20	1 1/4	30.25	#8 SAE	1"	10,842 lbs	29	203.42
300-2524	24	1 1/4	34.25	#8 SAE	1"	8,070 lbs	33	206.93
300-2530	30	1 1/4	40.25	#8 SAE	1"	5,550 lbs	38	256.56
300-2501-SK		1.25" Rod		Packing Kit		58.74		
3" BORE								
300-3006	6	1 1/4	16.25	#8 SAE	1"	21,206 lbs	24	149.26
300-3008	8	1 1/4	18.25	#8 SAE	1"	21,206 lbs	25	150.38
300-3008-A	8	1 1/4	20.25	#8 SAE	1"	21,206 lbs	25	157.27
300-3010	10	1 1/4	20.25	#8 SAE	1"	21,206 lbs	28	164.05
300-3012	12	1 1/4	22.25	#8 SAE	1"	21,206 lbs	30	182.09
300-3014	14	1 1/4	24.25	#8 SAE	1"	21,206 lbs	32	191.51
300-3016	16	1 1/2	26.25	#8 SAE	1"	21,206 lbs	37	206.87
300-3016-A	16	1 1/2	31.5	#8 SAE	1 1/4"	21,206 lbs	37	207.92
300-3018	18	1 1/2	28.25	#8 SAE	1"	21,206 lbs	39	210.17
300-3020	20	1 1/2	30.25	#8 SAE	1"	21,206 lbs	41	224.91
300-3024	24	1 1/2	34.25	#8 SAE	1"	16,580 lbs	46	241.75
300-3030	30	1 1/2	40.25	#8 SAE	1"	11,410 lbs	54	257.22
300-3048	48	1 1/2	58.25	#8 SAE	1"	4,990 lbs	76	373.43
300-3000-SK		1.25" Rod		Packing Kit		66.66		
300-3001-SK		1.5" Rod		Packing Kit		66.66		
3 1/2" BORE								
300-3506	6	1 1/4	16.25	#8 SAE	1"	28,863 lbs	30	185.08
300-3508	8	1 1/4	18.25	#8 SAE	1"	28,863 lbs	33	198.43
300-3508-A	8	1 1/4	20.25	#8 SAE	1"	28,863 lbs	34	200.53
300-3510	10	1 1/4	20.25	#8 SAE	1"	28,863 lbs	35	212.84
300-3512	12	1 1/4	22.25	#8 SAE	1"	28,863 lbs	38	218.15
300-3514	14	1 1/2	24.25	#8 SAE	1"	28,863 lbs	43	229.77
300-3516	16	1 1/2	26.25	#8 SAE	1"	28,863 lbs	46	246.44
300-3516-A	16	1 1/2	31.5	#8 SAE	1 1/4"	28,863 lbs	49	246.44
300-3518	18	1 1/2	28.25	#8 SAE	1"	26,730 lbs	49	252.36
300-3520	20	1 1/2	30.25	#8 SAE	1"	22,660 lbs	52	258.59
300-3524	24	1 1/2	34.25	#8 SAE	1"	16,880 lbs	58	268.97
300-3530	30	1 1/2	40.25	#8 SAE	1"	11,610 lbs	67	344.47
300-3536	36	1 1/2	46.25	#8 SAE	1"	8,480 lbs	76	365.67
300-3548	48	1 1/2	58.25	#8 SAE	1"	5,080 lbs	93	438.94

DBH Part #	Stroke (in)	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Column Load	WT	Each
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4" BORE

300-4004	4	1½	14.25	#8 SAE	1"	37,699 lbs	36	229.53
300-4006	6	1½	16.25	#8 SAE	1"	37,699 lbs	37	233.85
300-4008	8	1½	18.25	#8 SAE	1"	37,699 lbs	41	246.29
300-4008-A	8	1½	20.25	#8 SAE	1"	37,699 lbs	43	239.77
300-4010	10	1½	20.25	#8 SAE	1"	37,699 lbs	44	247.54
300-4012	12	1½	22.25	#8 SAE	1"	37,699 lbs	47	259.50
300-4014	14	1½	24.25	#8 SAE	1"	37,699 lbs	51	266.03
300-4016	16	1¾	26.25	#8 SAE	1"	37,699 lbs	57	303.93
300-4016-A	16	1¾	31.5	#8 SAE	1¼"	37,699 lbs	59	307.80
300-4018	18	1¾	28.25	#8 SAE	1"	37,699 lbs	60	319.71
300-4020	20	1¾	30.25	#8 SAE	1"	37,699 lbs	64	337.50
300-4024-1.75	24	1¾	34.25	#8 SAE	1"	37,699 lbs	71	358.74
300-4024-2	24	2	34.25	#8 SAE	1"	37,699 lbs	76	368.28
300-4030	30	2	40.25	#8 SAE	1"	36,070 lbs	89	384.75
300-4036	36	2	46.25	#8 SAE	1"	26,340 lbs	101	422.39
300-4048	48	2	58.25	#8 SAE	1"	15,790 lbs	125	584.57
300-4000-SK	Packing Kit					86.72		

* - 1½-12 thread

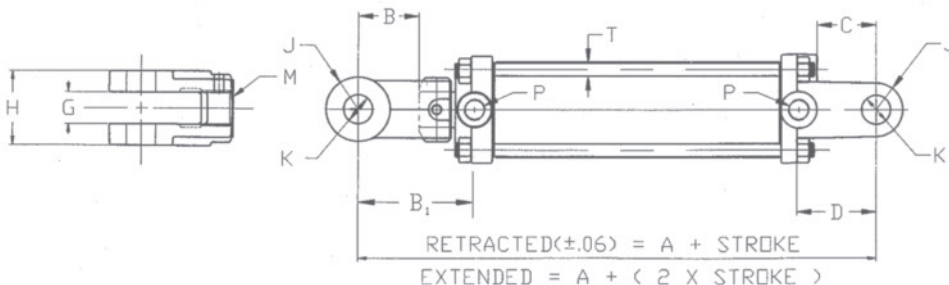
* - 1½-12 thread

* - 1½-12 thread

* - 1½-12 thread

5" BORE

300-5008-A	8	2	20.25	#8 SAE	1¼"	58,905 lbs	77	358.05
300-5010	10	2	22.25	#8 SAE	1¼"	58,905 lbs	77	421.26
300-5012	12	2	24.25	#8 SAE	1¼"	58,905 lbs	79	423.10
300-5014	14	2	26.25	#8 SAE	1¼"	58,905 lbs	87	425.94
300-5016	16	2	28.25	#8 SAE	1¼"	58,905 lbs	92	474.06
300-5016-A	16	2	31.5	#8 SAE	1¼"	58,905 lbs	97	477.90
300-5018	18	2	30.25	#8 SAE	1¼"	58,905 lbs	97	611.9
300-5020	20	2	32.25	#8 SAE	1¼"	58,905 lbs	116	612.96
300-5024	24	2	36.25	#8 SAE	1¼"	58,905 lbs	122	617.59
300-5030	30	2	42.25	#8 SAE	1¼"	56,340 lbs	137	673.55
300-5036	36	2	48.25	#8 SAE	1¼"	41,380 lbs	155	719.27
300-5048	48	2	60.25	#8 SAE	1¼"	25,020 lbs	175	808.77
300-5000-SK	Packing Kit					98.59		



DIMENSIONS IN INCHES

BORE	2"	2 1/2"	3"	3 1/2"	4"	5"
A	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	12 1/4
B	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8	2 1/8
B1	4 3/16	4 3/16	3 15/16	3 15/16	3 7/8	4 11/16
C	2 1/16	2 1/16	2 1/16	2 1/16	2 1/16	2 1/4
D	2 7/8	2 7/8	2 3/4	2 3/4	2 3/4	2 7/8
E	2 3/4	3 1/8	3 3/4	4 1/2	5 1/8	6
F	1 3/8	1 9/16	1 7/8	2 1/4	2 9/16	3
G	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 3/16
G1	1 1/8	1 1/8	1 1/8	1 1/8	1 1/8	1 5/16
H	2 1/2	2 1/2	2 5/8	2 5/8	2 5/8	3
H1	2 3/8	2 1/2	2 9/16	2 9/16	2 5/8	3 1/2
J	1	1	1 1/8	1 1/8	1 1/8	1 5/16
J1	1	1	1 1/8	1 1/8	1 1/8	1 7/16
K	1 1/64	1 1/64	1 1/64	1 1/64	1 1/64	1 17/64
M	1 1/8 - 12	1 1/8 - 12	1 1/4 - 12	1 1/4 - 12	1 1/4 - 12	1 1/2 - 12
P - ORB	3/4 - 16	3/4 - 16	3/4 - 16	3/4 - 16	3/4 - 16	3/4 - 16
P1 - NPT	3/8	3/8	1/2	1/2	1/2	1/2
T	3/8	3/8	1/2	5/8	5/8	3/4
ASAE Cylinders						
A ASAE-8	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
A ASAE-16	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2
B1 ASAE-8	6 3/16	6 3/16	5 15/16	5 15/16	5 7/8	4 11/16
B1 ASAE-16	9 7/16	9 7/16	9 3/16	9 3/16	9 1/8	7 15/16
K ASAE-8	1 1/64	1 1/64	1 1/64	1 1/64	1 1/64	1 1/64
K ASAE-16	1 17/64	1 17/64	1 17/64	1 17/64	1 17/64	1 17/64

* Cylinder Column Load - Column strength loading normally affects all types of longer stroke cylinders. Affected cylinders should not be operated beyond these limits as the cylinder rod may buckle or bend causing failure. Stroke limitation applies to compressive loading only

Wolverine 2500 PSI Tie-Rod Cylinders

2500 PSI Rated
SAE Ports
Heavy Duty Hydraulic Cylinder
Standard Color is Black

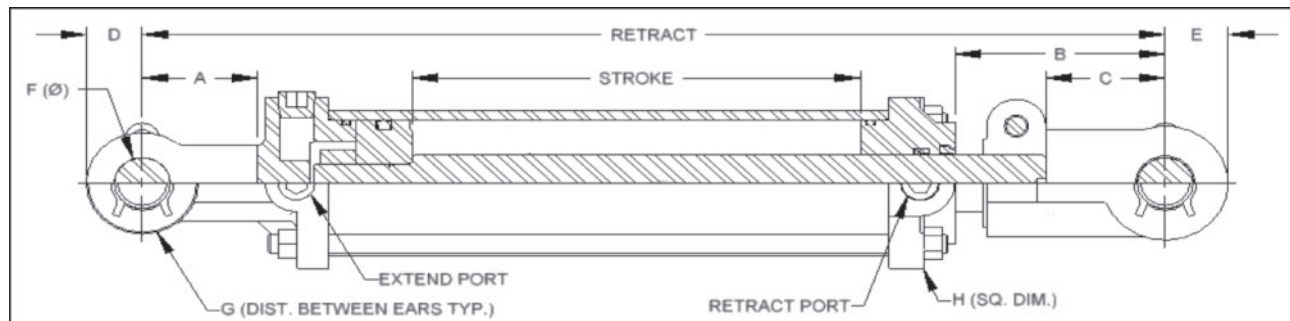


DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Size	Wt.	1-9	10 & Up
2" BORE								
210-2004-S	4	1 1/8	14.25	#6 SAE	1"	16	132.47	120.78
210-2006-S	6	1 1/8	16.25	#6 SAE	1"	17	138.23	126.04
210-2008-S	8	1 1/8	18.25	#6 SAE	1"	17	144.82	132.03
210-2008-AS	8	1 1/8	20.25	#6 SAE	1"	18	148.10	135.04
210-2010-S	10	1 1/8	20.25	#6 SAE	1"	20	157.98	144.03
210-2012-S	12	1 1/8	22.25	#6 SAE	1"	21	163.74	149.29
210-2014-S	14	1 1/8	24.25	#6 SAE	1"	22	175.25	159.80
210-2016-S	16	1 1/8	26.25	#6 SAE	1"	23	182.67	166.54
210-2018-S	18	1 1/8	30.25	#6 SAE	1"	24	188.42	171.80
210-2020-S	20	1 1/8	34.25	#6 SAE	1"	25	199.12	181.54
210-2024-S	24	1 1/8	40.25	#6 SAE	1"	27	208.99	190.55
210-2030-S	30	1 1/8	46.25	#6 SAE	1"	35	230.38	210.06
210-2036-S	36	1 1/8	58.25	#6 SAE	1"	40	250.13	228.06
2 1/2" BORE								
210-2504-S	4	1 1/8	14.25	#6 SAE	1"	18	151.39	138.04
210-2506-S	6	1 1/8	16.25	#6 SAE	1"	19	157.98	144.03
210-2508-S	8	1 1/8	18.25	#6 SAE	1"	20	165.39	150.79
210-2508-AS	8	1 1/8	20.25	#6 SAE	1"	21	167.85	153.04
210-2510-S	10	1 1/8	20.25	#6 SAE	1"	22	172.79	157.54
210-2512-S	12	1 1/8	22.25	#6 SAE	1"	24	181.02	165.04
210-2516-S	16	1 1/8	26.25	#6 SAE	1"	27	205.70	187.55
210-2518-S	18	1 1/8	28.25	#6 SAE	1"	28	218.87	199.58
210-2524-S	24	1 1/4	34.25	#6 SAE	1"	33	243.55	222.06
210-2530-S	30	1 1/4	40.25	#6 SAE	1"	45	278.93	254.32
210-2536-S	36	1 1/4	46.25	#6 SAE	1"	56	296.21	270.07
3" BORE								
210-3004-S	4	1 1/4	14.25	#8 SAE	1"	20	162.91	148.54
210-3006-S	6	1 1/4	16.25	#8 SAE	1"	25	171.96	156.79
210-3008-S	8	1 1/4	18.25	#8 SAE	1"	25	180.19	164.30
210-3008-AS	8	1 1/4	20.25	#8 SAE	1"	25	182.67	166.54
210-3010-S	10	1 1/4	20.25	#8 SAE	1"	30	199.12	181.54
210-3012-S	12	1 1/4	22.25	#8 SAE	1"	28	209.81	191.30
210-3014-S	14	1 1/4	24.25	#8 SAE	1"	30	214.75	195.80
210-3016-S	16	1 1/4	26.25	#8 SAE	1"	33	235.32	214.56
210-3016-AS	16	1 1/2	31.5	#8 SAE	1 1/4"	35	239.44	218.31
210-3018-S	18	1 1/2	28.25	#8 SAE	1"	35	247.67	225.81
210-3020-S	20	1 1/2	30.25	#8 SAE	1"	37	264.12	240.81
210-3024-S	24	1 1/2	34.25	#8 SAE	1"	42	283.04	258.72
210-3030-S	30	1 1/2	40.25	#8 SAE	1"	59	360.38	328.59
210-3036-S	36	1 1/2	46.25	#8 SAE	1"	63	365.02	332.82
3 1/2" BORE								
210-3508-A	8	1 1/4	20.25	#8 SAE	1"	29	240.26	219.05
210-3510	10	1 1/4	20.25	#8 SAE	1"	30	245.19	223.56
210-3512	12	1 1/4	22.25	#8 SAE	1"	33	263.30	240.06
210-3514	14	1 1/4	24.25	#8 SAE	1"	35	275.64	251.32
210-3516	16	1 1/4	26.25	#8 SAE	1"	37	288.81	263.32
210-3516-A	16	1 1/2	31.5	#8 SAE	1 1/4"	39	297.03	270.82
210-3518	18	1 1/4	28.25	#8 SAE	1"	40	303.61	276.83

DBH Part #	Stroke (in)	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
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4" BORE

210-4004-S	4	1½	14.25	#8 SAE	1"	30	239.44	218.31
210-4008-AS	8	1½	20.25	#8 SAE	1"	36	275.64	251.32
210-4010-S	10	1½	20.25	#8 SAE	1"	37	285.52	260.32
210-4012-S	12	1½	22.25	#8 SAE	1"	40	301.15	274.57
210-4016-S	16	1½	26.25	#8 SAE	1"	48	331.58	302.34
210-4016-AS	16	2	31.5	#8 SAE	1¼"	64	364.50	332.34
210-4018-S	18	1½	28.25	#8 SAE	1"	51	365.32	333.09
210-4020-S	20	1½	30.25	#8 SAE	1"	53	378.49	345.09
210-4024-S	24	2	34.25	#8 SAE	1"	70	454.19	414.11
210-4030-S	30	2	40.25	#8 SAE	1"	87	486.20	443.30
210-4036-S	36	2	46.25	#8 SAE	1"	98	549.03	500.59



MODEL	BORE	EXT PORT SAE	RET PORT SAE	A	B	C	D	E	F	G	H
W200000-S	2.0	#6	#6	2.00	3.75	2.13	.97	1.03	1.00	1.13	2.82
W250000-S	2.5	#6	#6	2.00	3.75	2.13	.97	1.13	1.00	1.13	3.38
W300000-S	3.0	#8	#8	2.00	3.75	2.13	1.00	1.13	1.00	1.13	3.90
W350000-S	3.5	#8	#8	2.00	3.75	2.13	1.13	1.13	1.00	1.13	4.62
W400000-S	4.0	#8	#8	2.00	3.75	2.13	1.13	1.25	1.00	1.13	4.75

Hydraulic
Cylinders

DALTON Welded Clevis Cylinders

Heavy-Duty 3,000PSI (1" - 4" Bore)

Heavy-Duty 2,500PSI (5" Bore)

Welded Cylinder

- PRESSURE TESTED -
- ISO-9001:2000 CERTIFIED -4 Year
WarrantyNOTE: Ports on STOCKED cylinders
are parallel to pin. Top ports are
available. Additional charges may apply.DALTON
WELDED
CLEVIS FEATURES

- Double-acting applications;
- Heavy duty welded conception;
- Shafts are hardened 50-55 rockwell C, superior quality chrome-plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
1 1/2" BORE								
DBH-1504-WC	4	1	14.25	3/8 NPTF	3/4"	9	140.20	129.00
DBH-1506-WC	6	1	16.25	3/8 NPTF	3/4"	10	143.58	132.10
DBH-1508-WC	8	1	18.25	3/8 NPTF	3/4"	11	146.36	134.81
DBH-1510-WC	10	1	20.25	3/8 NPTF	3/4"	13	148.10	136.25
DBH-1512-WC	12	1	22.25	3/8 NPTF	3/4"	14	151.19	139.09
DBH-1514-WC	14	1	24.25	3/8 NPTF	3/4"	17	154.98	142.61
DBH-1516-WC	16	1	26.25	3/8 NPTF	3/4"	18	157.36	144.77
DBH-1518-WC	18	1	28.25	3/8 NPTF	3/4"	20	179.24	164.91
DBH-1520-WC	20	1	30.25	3/8 NPTF	3/4"	21	184.15	169.42
DBH-1524-WC	24	1	34.25	3/8 NPTF	3/4"	24	201.77	185.75
DBH-1500-WTSK				PACKING KIT			30.91	
2" BORE								
DBH-2004-WC	4	1 1/4	14.25	3/8 NPTF	1"	14	133.10	126.45
DBH-2006-WC	6	1 1/4	16.25	3/8 NPTF	1"	16	146.91	139.55
DBH-2008-WC	8	1 1/4	18.25	3/8 NPTF	1"	16	148.87	141.45
DBH-2008-WCA	8	1 1/4	20.25	3/8 NPTF	1"	16	150.42	142.91
DBH-2010-WC	10	1 1/4	20.25	3/8 NPTF	1"	18	155.87	148.06
DBH-2012-WC	12	1 1/4	22.25	3/8 NPTF	1"	21	161.35	153.29
DBH-2014-WC	14	1 1/4	24.25	3/8 NPTF	1"	22	167.29	158.94
DBH-2016-WC	16	1 1/4	26.25	3/8 NPTF	1"	23	172.47	163.85
DBH-2018-WC	18	1 1/4	28.25	3/8 NPTF	1"	25	191.84	182.27
DBH-2020-WC	20	1 1/4	30.25	3/8 NPTF	1"	26	198.44	188.51
DBH-2024-WC	24	1 1/4	34.25	3/8 NPTF	1"	30	213.34	202.68
DBH-2028-WC	28	1 1/4	38.25	3/8 NPTF	1"	36	230.52	218.98
DBH-2030-WC	30	1 1/4	40.25	3/8 NPTF	1"	36	239.00	227.10
DBH-2032-WC	32	1 1/4	42.25	3/8 NPTF	1"	38	249.78	229.80
DBH-2036-WC	36	1 1/4	46.25	3/8 NPTF	1"	40	260.51	239.65
DBH-2000-WTSK				PACKING KIT			42.04	
2 1/2" BORE								
DBH-2504-WC	4	1 1/2	14.25	1/2 NPTF	1"	17	155.28	142.86
DBH-2506-WC	6	1 1/2	16.25	1/2 NPTF	1"	18	158.25	145.58
DBH-2508-WC	8	1 1/2	18.25	1/2 NPTF	1"	28	160.47	147.50
DBH-2508-WCA	8	1 1/2	20.25	1/2 NPTF	1"	31	165.52	152.29
DBH-2510-WC	10	1 1/2	20.25	1/2 NPTF	1"	22	172.92	158.55
DBH-2512-WC	12	1 1/2	22.25	1/2 NPTF	1"	24	178.49	164.23
DBH-2514-WC	14	1 1/2	24.25	1/2 NPTF	1"	25	187.37	171.06
DBH-2516-WC	16	1 1/2	26.25	1/2 NPTF	1"	28	194.22	178.68
DBH-2518-WC	18	1 1/2	28.25	1/2 NPTF	1"	30	209.31	192.53
DBH-2520-WC	20	1 1/2	30.25	1/2 NPTF	1"	32	213.30	196.23
DBH-2524-WC	24	1 1/2	34.25	1/2 NPTF	1"	36	225.73	207.66
DBH-2528-WC	28	1 1/2	38.25	1/2 NPTF	1"	43	251.00	230.92
DBH-2530-WC	30	1 1/2	40.25	1/2 NPTF	1"	45	252.67	232.47
DBH-2532-WC	32	1 1/2	42.25	1/2 NPTF	1"	47	263.80	242.69
DBH-2534-WC	34	1 1/2	44.25	1/2 NPTF	1"	49	278.41	254.32
DBH-2536-WC	36	1 1/2	46.25	1/2 NPTF	1"	51	278.64	256.35
DBH-2548-WC	48	1 1/4	58.25	1/2 NPTF	1"	75	348.96	321.05
DBH-2500-WTSK				PACKING KIT			39.47	
3" BORE								
DBH-3004-WC	4	1 1/2	14.25	1/2 NPTF	1"	21	183.91	171.44
DBH-3006-WC	6	1 1/2	16.25	1/2 NPTF	1"	23	187.34	174.63
DBH-3008-WCA	8	1 1/2	20.25	1/2 NPTF	1"	27	196.50	183.17
DBH-3010-WC	10	1 1/2	20.25	1/2 NPTF	1"	28	204.29	190.44
DBH-3012-WC	12	1 1/2	22.25	1/2 NPTF	1"	30	214.41	199.77
DBH-3014-WC	14	1 1/2	24.25	1/2 NPTF	1"	32	224.35	209.14
DBH-3016-WC	16	1 1/2	26.25	1/2 NPTF	1"	36	231.27	215.08
DBH-3018-WC	18	1 1/2	28.25	1/2 NPTF	1"	42	235.42	219.45
DBH-3020-WC	20	1 1/2	30.25	1/2 NPTF	1"	46	247.36	230.61
DBH-3024-WC	24	1 1/2	34.25	1/2 NPTF	1"	48	260.82	243.14
DBH-3028-WC	28	1 1/2	38.25	1/2 NPTF	1"	51	284.31	265.06
DBH-3030-WC	30	1 1/2	40.25	1/2 NPTF	1"	55	286.66	266.30
DBH-3032-WC	32	1 1/2	42.25	1/2 NPTF	1"	56	298.17	277.97
DBH-3034-WC	34	1 1/2	44.25	1/2 NPTF	1"	59	303.81	283.23
DBH-3036-WC	36	1 1/2	46.25	1/2 NPTF	1"	62	307.80	286.92
DBH-3000-WTSK				PACKING KIT			45.54	

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
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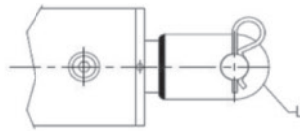
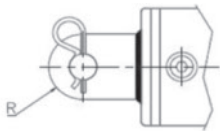
The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

3 1/2" BORE								
DBH-3504-WC	4	1 3/4	14.25	1/2 NPTF	1"	24	217.23	199.85
DBH-3506-WC	6	1 3/4	16.25	1/2 NPTF	1"	27	240.24	221.02
DBH-3508-WCA	8	1 3/4	20.25	1/2 NPTF	1"	30	256.46	235.94
DBH-3510-WC	10	1 3/4	20.25	1/2 NPTF	1"	34	258.84	238.13
DBH-3512-WC	12	1 3/4	22.25	1/2 NPTF	1"	33	262.37	241.38
DBH-3514-WC	14	1 3/4	24.25	1/2 NPTF	1"	38	278.82	256.51
DBH-3516-WC	16	1 3/4	26.25	1/2 NPTF	1"	44	288.12	265.07
DBH-3518-WC	18	1 3/4	28.25	1/2 NPTF	1"	45	297.79	273.97
DBH-3520-WC	20	1 3/4	30.25	1/2 NPTF	1"	46	319.60	294.03
DBH-3524-WC	24	1 3/4	34.25	1/2 NPTF	1"	51	352.43	324.24
DBH-3528-WC	28	1 3/4	38.25	1/2 NPTF	1"	64	374.45	344.49
DBH-3530-WC	30	1 3/4	40.25	1/2 NPTF	1"	67	390.99	359.71
DBH-3532-WC	32	1 3/4	42.25	1/2 NPTF	1"	70	410.16	377.35
DBH-3536-WC	36	1 3/4	46.25	1/2 NPTF	1"	76	423.79	389.89
DBH-3500-WTSK	PACKING KIT						50.60	

4" BORE								
DBH-4004-WC	4	2	14.25	1/2 NPTF	1"	28	246.47	226.75
DBH-4006-WC	6	2	16.25	1/2 NPTF	1"	35	271.54	249.85
DBH-4008-WCA	8	2	20.25	1/2 NPTF	1"	43	281.90	259.35
DBH-4010-WC	10	2	20.25	1/2 NPTF	1"	44	300.77	276.70
DBH-4012-WC	12	2	22.25	1/2 NPTF	1"	46	317.72	292.30
DBH-4014-WC	14	2	24.25	1/2 NPTF	1"	52	330.55	304.10
DBH-4016-WC	16	2	26.25	1/2 NPTF	1"	56	347.01	319.27
DBH-4018-WC	18	2	28.25	1/2 NPTF	1"	58	358.46	329.81
DBH-4020-WC	20	2	30.25	1/2 NPTF	1"	65	376.03	345.95
DBH-4024-WC	24	2	34.25	1/2 NPTF	1"	69	393.29	361.82
DBH-4028-WC	28	2	38.25	1/2 NPTF	1"	77	408.72	376.03
DBH-4030-WC	30	2	40.25	1/2 NPTF	1"	81	451.72	415.57
DBH-4032-WC	32	2	42.25	1/2 NPTF	1"	85	494.35	454.80
DBH-4036-WC	36	2	46.25	1/2 NPTF	1"	92	497.55	457.74
DBH-4000-WTSK	PACKING KIT						51.28	



5" BORE - (2,500 PSI)								
DBH-5004-WC	4	2 1/2	16.25	1/2 NPTF	1"	64	603.16	554.90
DBH-5006-WC	6	2 1/2	18.25	1/2 NPTF	1"	68	612.19	563.21
DBH-5008-WC	8	2 1/2	20.25	1/2 NPTF	1"	73	624.95	574.94
DBH-5010-WC	10	2 1/2	22.25	1/2 NPTF	1"	77	651.86	599.71
DBH-5012-WC	12	2 1/2	24.25	1/2 NPTF	1"	82	687.86	632.82
DBH-5014-WC	14	2 1/2	26.25	1/2 NPTF	1"	86	731.20	672.70
DBH-5016-WC	16	2 1/2	28.25	1/2 NPTF	1"	90	762.38	701.37
DBH-5018-WC	18	2 1/2	30.25	1/2 NPTF	1"	95	803.70	739.42
DBH-5020-WC	20	2 1/2	32.25	1/2 NPTF	1"	99	812.43	747.43
DBH-5024-WC	24	2 1/2	36.25	1/2 NPTF	1"	109	819.51	753.97
DBH-5028-WC	28	2 1/2	40.25	1/2 NPTF	1"	117	839.18	772.05
DBH-5030-WC	30	2 1/2	42.25	1/2 NPTF	1"	121	850.35	782.31
DBH-5032-WC	32	2 1/2	44.25	1/2 NPTF	1"	126	916.25	842.95
DBH-5036-WC	36	2 1/2	48.25	1/2 NPTF	1"	135	942.31	866.94
DBH-5000-WTSK	PACKING KIT						67.91	



BORE	A	B*	C	D	E	G	H	I	J	K	L	M	N	R	S
1.500	10.250	0.188	3/8"-NPT	1.000	2.069	2.069	1.125	1.125	1.5	2.125	0.787	0.851	1.972	1.574	0.750
2.000	10.250	0.187	3/8"-NPT	1.250	2.125	2.125	1.125	1.125	2.125	1.876	1.000	1.044	2.125	1.000	1.000
2.500	10.250	0.190	1/2"-NPT	1.500	2.125	2.125	1.125	1.125	2.125	2	1.000	1.044	2.125	1.000	1.000
3.000	10.250	0.188	1/2"-NPT	1.500	2.125	2.125	1.125	1.125	2.125	2.087	1.000	1.245	2.125	1.000	1.000
3.500	10.250	0.190	1/2"-NPT	1.750	2.386	2.386	1.125	1.125	2.125	2.313	1.250	1.311	2.125	1.250	1.000
4.000	10.250	0.250	1/2"-NPT	2.000	2.386	2.386	1.125	1.125	2.125	2.126	1.250	1.496	2.125	1.250	1.000
5.000	12.250	0.312	1/2"-NPT	2.500	2.386	2.386	1.125	1.125	2.125	2.5	1.375	1.5	2.125	1.375	1.000

Hydraulic
Cylinders

Heavy-Duty 3,000PSI (1.5" - 4" Bore)

Welded Cylinder

- Hard Chrome Plated Rod
- SAE O-Ring Ports
- Standard back paint
- Pins and cotters included
- 100% Tested

Rod &
TubingHydraulic
PumpsHydraulic
MotorsHydraulic
ValvesPower
UnitsHoses, Fittings
& Accessories

Bearings

Power
Transmission

Miscellaneous

Thread size for
Clevis

7/8 - 14

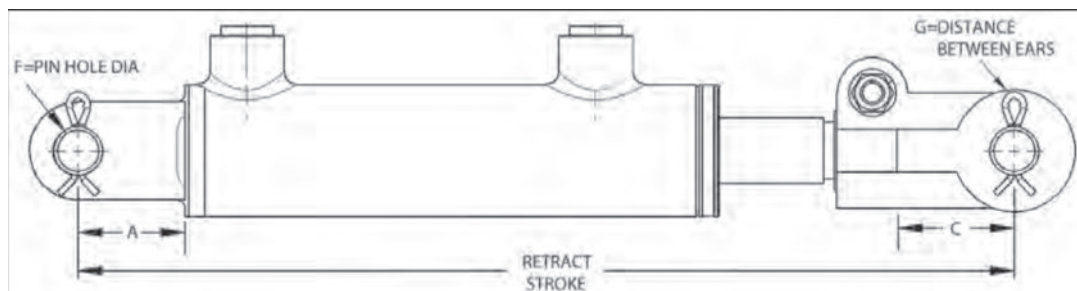
1 1/8-12

1 1/8-12

1 1/4-12

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
1.5" BORE								
204-1504	4	1	14.25	SAE 6	3/4"	10	135.39	123.44
204-1506	6	1	16.25	SAE 6	3/4"	11	141.37	128.90
204-1508	8	1	18.25	SAE 6	3/4"	12	148.10	135.04
204-1508-A	8	1	20.25	SAE 6	3/4"	13	151.10	137.76
204-1510	10	1	20.25	SAE 6	3/4"	13	154.09	140.49
204-1512	12	1	22.25	SAE 6	3/4"	15	160.07	145.95
204-1514	14	1	24.25	SAE 6	3/4"	16	165.66	151.40
204-1516	16	1	26.25	SAE 6	3/4"	17	172.04	160.60
204-1518	18	1	28.25	SAE 6	3/4"	18	179.52	163.68
2" BORE								
204-2004	4	1.125	14.25	SAE 8	1"	16	156.77	158.91
204-2006	6	1.125	16.25	SAE 8	1"	17	174.28	165.04
204-2008	8	1.125	18.25	SAE 8	1"	19	187.75	171.18
204-2008-A	8	1.125	20.25	SAE 8	1"	20	192.24	175.27
204-2010	10	1.125	20.25	SAE 8	1"	20	195.98	178.68
204-2012	12	1.125	22.25	SAE 8	1"	22	202.71	184.82
204-2014	14	1.125	24.25	SAE 8	1"	24	210.94	192.32
204-2016	16	1.125	26.25	SAE 8	1"	25	225.90	198.46
204-2018	18	1.125	28.25	SAE 8	1"	27	225.90	205.96
204-2020	20	1.125	30.25	SAE 8	1"	28	232.63	212.10
204-2024	24	1.125	34.25	SAE 8	1"	31	247.59	225.74
204-2030	30	1.125	40.25	SAE 8	1"	36	270.03	246.20
204-2036	36	1.125	46.25	SAE 8	1"	41	290.97	265.30
2 1/2" BORE								
204-2504	4	1.25	14.25	SAE 8	1"	19	198.97	181.41
204-2506	6	1.25	16.25	SAE 8	1"	21	207.94	189.60
204-2508	8	1.25	18.25	SAE 8	1"	23	216.17	197.10
204-2508-A	8	1.25	20.25	SAE 8	1"	24	221.41	201.87
204-2510	10	1.25	20.25	SAE 8	1"	24	225.90	205.96
204-2512	12	1.25	22.25	SAE 8	1"	26	234.12	213.47
204-2514	14	1.25	24.25	SAE 8	1"	28	243.10	221.65
204-2516	16	1.25	26.25	SAE 8	1"	30	260.30	229.15
204-2518	18	1.25	28.25	SAE 8	1"	32	266.88	237.34
204-2520	20	1.25	30.25	SAE 8	1"	34	270.03	246.20
204-2524	24	1.25	34.25	SAE 8	1"	38	286.48	261.21
204-2530	30	1.25	40.25	SAE 8	1"	44	312.66	285.08
204-2536	36	1.25	46.25	SAE 8	1"	49	341.09	310.99
204-2548	48	1.25	58.25	SAE 8	1"	50	394.94	360.10
3" BORE								
204-3004	4	1.50	14.25	SAE 8	1"	24	240.86	219.60
204-3006	6	1.50	16.25	SAE 8	1"	26	251.33	229.15
204-3008	8	1.50	18.25	SAE 8	1"	29	262.55	239.38
204-3008-A	8	1.50	20.25	SAE 8	1"	31	266.29	242.79
204-3010	10	1.50	20.25	SAE 8	1"	31	271.52	247.57
204-3012	12	1.50	22.25	SAE 8	1"	34	284.24	259.16
204-3014	14	1.50	24.25	SAE 8	1"	36	294.71	268.71
204-3016	16	1.50	26.25	SAE 8	1"	39	305.93	278.94
204-3018	18	1.50	28.25	SAE 8	1"	41	317.15	289.17
204-3020	20	1.50	30.25	SAE 8	1"	43	327.62	298.72
204-3024	24	1.50	34.25	SAE 8	1"	48	348.57	317.81
204-3030	28	1.50	40.25	SAE 8	1"	56	380.73	347.14
204-3036	30	1.50	46.25	SAE 8	1"	63	415.14	378.51

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up	Thread size for Clevis
3.5" BORE									
204-3504	4	1.75	14.25	SAE 8	1"	29	280.50	255.75	1½-12
204-3506	6	1.75	16.25	SAE 8	1"	32	293.96	268.03	
204-3508	8	1.75	18.25	SAE 8	1"	35	306.68	279.62	
204-3508-A	8	1.75	20.25	SAE 8	1"	38	313.41	285.76	
204-3510	10	1.75	20.25	SAE 8	1"	38	320.14	291.90	
204-3512	12	1.75	22.25	SAE 8	1"	41	332.86	303.49	
204-3514	14	1.75	24.25	SAE 8	1"	44	345.58	315.08	
204-3516	16	1.75	26.25	SAE 8	1"	47	359.04	327.36	
204-3518	18	1.75	28.25	SAE 8	1"	50	371.76	338.95	
204-3520	20	1.75	30.25	SAE 8	1"	53	385.22	351.23	
204-3524	24	1.75	34.25	SAE 8	1"	59	412.90	376.46	1½-12
204-3530	30	1.75	40.25	SAE 8	1"	68	449.55	409.88	
204-3536	36	1.75	46.25	SAE 8	1"	78	489.94	446.71	
4" BORE									
204-4004	4	2	14.25	SAE 8	1"	35	333.61	302.72	
204-4006	6	2	16.25	SAE 8	1"	38	348.57	317.81	
204-4008	8	2	18.25	SAE 8	1"	42	363.53	331.45	
204-4008-A	8	2	20.25	SAE 8	1"	46	371.01	338.27	
204-4010	10	2	20.25	SAE 8	1"	46	379.24	345.77	
204-4012	12	2	22.25	SAE 8	1"	49	394.94	360.10	
204-4014	14	2	24.25	SAE 8	1"	53	412.10	373.74	
204-4016	16	2	26.25	SAE 8	1"	57	424.12	386.69	1½-12
204-4018	18	2	28.25	SAE 8	1"	60	439.82	401.02	
204-4020	20	2	30.25	SAE 8	1"	64	455.53	415.34	
204-4024	24	2	34.25	SAE 8	1"	71	486.20	443.30	
204-4030	30	2	40.25	SAE 8	1"	83	531.83	484.90	
204-4036	36	2	46.25	SAE 8	1"	94	578.20	527.19	

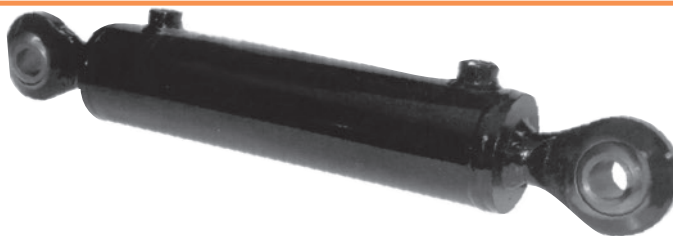


BORE	PORTS	A	C	F	G
1.5	SAE 6	1.63	1.62	0.75	0.88
2.0	SAE 8	2.13	2.12	1.00	1.13
2.5	SAE 8	2.13	2.13	1.00	1.13
3.0	SAE 8	1.88	2.13	1.00	1.13
3.5	SAE 8	1.88	2.13	1.00	1.13
4.0	SAE 8	1.75	2.13	1.00	1.13

Hydraulic Cylinders

DALTON Welded Swivel Mount Cylinders

3000 PSI Rated
Double Acting
SAE Ports
Standard Color is Black
Ports 90° from Pins



WELDED CYLINDER FEATURES

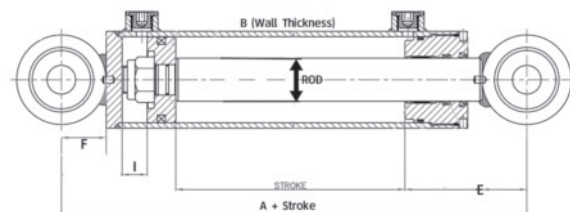
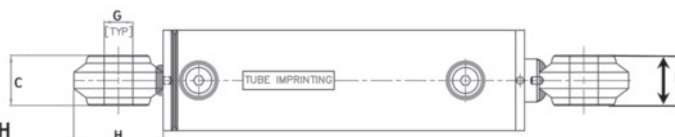
- Double-acting applications;
- Heavy duty welded conception;
- Shafts are hardened 50-55 rockwell C, superior quality chrome-plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.
- Screw on Clevis



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

BORE	A	B	ROD	C	D	E	F	G	H
1.00	6.00	.200	.630	1.00	1.00	1.50	1.00	.500	2.00
1.50	7.25	.195	1.00	1.00	1.00	2.25	1.00	.76	2.00
2.00	7.50	.187	1.25	1.75	1.75	2.11	1.36	1.00	2.72
2.50	7.50	.187	1.50	1.75	1.75	2.11	1.36	1.00	2.75
3.00	8.25	.187	1.50	1.75	1.75	2.47	1.56	1.00	3.12

DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	1-9	10+
1" Bore								
DBH-1004-WSE	4	5/8"	10	SAE 6	1/2"	6	113.01	103.97
DBH-1006-WSE	6	5/8"	12	SAE 6	1/2"	6	118.58	109.07
DBH-1008-WSE	8	5/8"	14	SAE 6	1/2"	7	123.56	113.69
DBH-1010-WSE	10	5/8"	16	SAE 6	1/2"	8	129.08	118.76
DBH-1012-WSE	12	5/8"	18	SAE 6	1/2"	8	136.35	125.43
DBH-1000-WESK	PACKING KIT						35.73	
1 1/2" Bore								
DBH-1504-WSE	4	1"	11.25	SAE 6	3/4"	7	128.88	118.56
DBH-1506-WSE	6	1"	13.25	SAE 6	3/4"	8	136.40	125.49
DBH-1508-WSE	8	1"	15.25	SAE 6	3/4"	9	141.67	130.34
DBH-1510-WSE	10	1"	17.25	SAE 6	3/4"	11	147.16	135.40
DBH-1512-WSE	12	1"	19.25	SAE 6	3/4"	12	151.43	139.31
DBH-1514-WSE	14	1"	21.25	SAE 6	3/4"	13	163.02	149.99
DBH-1500-WESK	PACKING KIT						40.99	
2" Bore								
DBH-2006-WSE	6	1 1/4"	13.50	SAE 8	1"	16	171.47	157.75
DBH-2008-WSE	8	1 1/4"	15.50	SAE 8	1"	17	178.22	163.97
DBH-2010-WSE	10	1 1/4"	17.50	SAE 8	1"	18	187.93	172.91
DBH-2012-WSE	12	1 1/4"	19.50	SAE 8	1"	20	192.79	177.39
DBH-2020-WSE	20	1 1/4"	27.50	SAE 8	1"	25	209.69	192.91
DBH-2024-WSE	24	1 1/4"	31.50	SAE 8	1"	28	221.84	204.10
DBH-2030-WSE	30	1 1/4"	37.50	SAE 8	1"	33	249.85	229.85
DBH-2036-WSE	36	1 1/4"	43.50	SAE 8	1"	44	272.86	251.04
DBH-2000-WESK	PACKING KIT						36.33	
2 1/2" Bore								
DBH-2506-WSE	6	1 1/2"	13.50	SAE 8	1"	18	199.47	183.52
DBH-2508-WSE	8	1 1/2"	15.50	SAE 8	1"	20	208.96	192.22
DBH-2510-WSE	10	1 1/2"	17.50	SAE 8	1"	22	222.64	204.83
DBH-2512-WSE	12	1 1/2"	19.50	SAE 8	1"	24	233.59	214.94
DBH-2520-WSE	20	1 1/2"	27.50	SAE 8	1"	31	257.49	236.89
DBH-2524-WSE	24	1 1/2"	31.50	SAE 8	1"	35	284.43	261.69
DBH-2530-WSE	30	1 1/2"	37.50	SAE 8	1"	42	321.66	295.92
DBH-2536-WSE	36	1 3/4"	44	SAE 8	1"	59	350.49	322.46
DBH-2500-WESK	PACKING KIT						45.97	
3" Bore								
DBH-3008-WSE	8	1 1/2"	16.25	SAE 8	1"	23	233.29	214.63
DBH-3010-WSE	10	1 1/2"	18.25	SAE 8	1"	25	248.48	228.61
DBH-3012-WSE	12	1 1/2"	20.25	SAE 8	1"	27	257.21	236.62
DBH-3020-WSE	20	1 1/2"	28.25	SAE 8	1"	37	293.43	269.97
DBH-3024-WSE	24	1 1/2"	32.25	SAE 8	1"	42	321.49	295.77
DBH-3030-WSE	30	1 3/4"	38.75	SAE 8	1"	53	353.26	325.01
DBH-3036-WSE	36	1 3/4"	44.75	SAE 8	1"	61	377.23	347.06
DBH-3000-WESK	PACKING KIT						41.75	

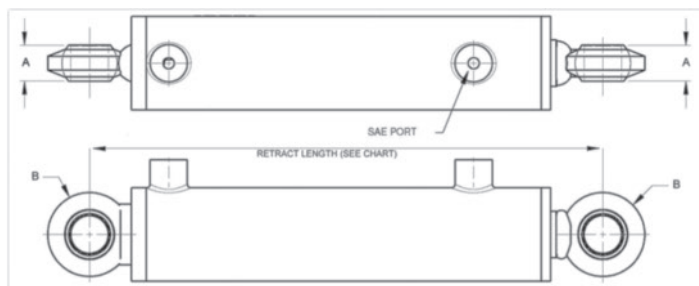


Wolverine Welded Swivel Mount Cylinders

3000 PSI Rated
Double Acting
SAE Ports
Standard Color is Black
Ports 90° from Pins



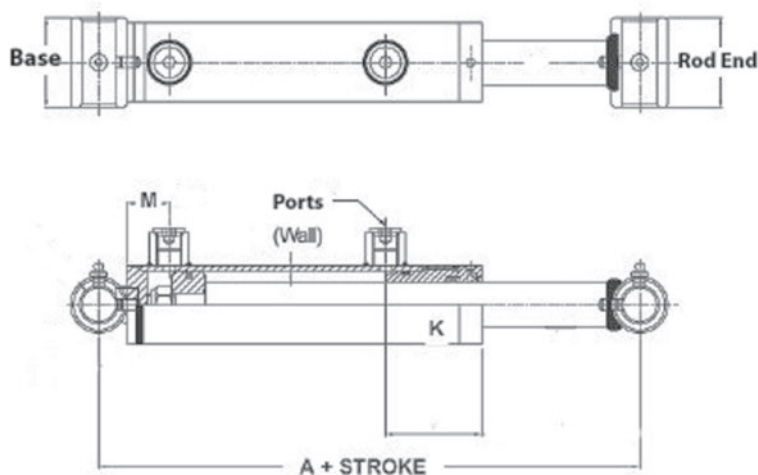
DBH Part #	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	1-9	10+
1" Bore								
203-1004	4	5/8"	10	SAE 6	1/2"	5	117.30	106.95
203-1006	6	5/8"	12	SAE 6	1/2"	5	122.77	111.94
203-1008	8	5/8"	14	SAE 6	1/2"	6	128.25	116.93
203-1010	10	5/8"	16	SAE 6	1/2"	7	134.50	122.64
203-1012	12	5/8"	18	SAE 6	1/2"	7	139.98	127.63
1 1/2" Bore								
203-1504	4	1"	11.25	SAE 6	3/4"	6	118.08	107.66
203-1506	6	1"	13.25	SAE 6	3/4"	7	121.37	109.66
203-1508	8	1"	15.25	SAE 6	3/4"	9	136.07	124.06
203-1510	10	1"	17.25	SAE 6	3/4"	10	153.27	139.75
203-1512	12	1"	19.25	SAE 6	3/4"	11	171.26	156.15
203-1514	14	1"	21.25	SAE 6	3/4"	12	189.24	172.55
203-1516	16	1"	23.25	SAE 6	3/4"	13	201.48	188.23
2" Bore								
203-2006	6	1 1/4"	13.50	SAE 8	1"	15	164.22	149.73
203-2008	8	1 1/4"	15.50	SAE 8	1"	16	182.99	166.84
203-2010	10	1 1/4"	17.50	SAE 8	1"	17	200.19	182.53
203-2012	12	1 1/4"	19.50	SAE 8	1"	19	218.18	198.93
203-2016	16	1 1/4"	23.50	SAE 8	1"	22	253.37	231.01
203-2020	20	1 1/4"	27.50	SAE 8	1"	24	283.08	258.11
203-2024	24	1 1/4"	31.50	SAE 8	1"	27	313.58	285.91
203-2030	30	1 1/4"	37.50	SAE 8	1"	32	348.77	317.99
2 1/2" Bore								
203-2506	6	1 1/2"	13.50	SAE 8	1"	17	199.41	181.82
203-2508	8	1 1/2"	15.50	SAE 8	1"	19	217.40	198.21
203-2510	10	1 1/2"	17.50	SAE 8	1"	21	234.60	213.90
203-2512	12	1 1/2"	19.50	SAE 8	1"	23	246.33	224.60
203-2516	16	1 1/2"	23.50	SAE 8	1"	27	282.30	257.39
203-2520	20	1 1/2"	27.50	SAE 8	1"	30	311.24	283.77
203-2524	24	1 1/2"	31.50	SAE 8	1"	34	347.21	316.57
3" Bore								
203-3006	6	1 1/2"	14.25	SAE 8	1"	20	223.65	154.19
203-3008	8	1 1/2"	16.25	SAE 8	1"	22	238.51	217.47
203-3010	10	1 1/2"	18.25	SAE 8	1"	24	265.88	242.42
203-3012	12	1 1/2"	20.25	SAE 8	1"	26	286.21	260.96
203-3016	16	1 1/2"	24.25	SAE 8	1"	31	315.93	288.05
203-3020	20	1 1/2"	28.25	SAE 8	1"	36	351.12	320.14
203-3024	24	1 1/2"	32.25	SAE 8	1"	41	387.09	352.94



MODEL	(A) SWIVEL WIDTH	(B) SWIVEL DIAMETER
WWSB1000-S	.97"	2.0"
WWSB1500-S	.97"	2.0"
WWSB2000-S	.97"	2.25"
WWSB2500-S	.97"	2.25"
WWSB3000-S	1.75"	3.13"

**Loader Cylinders- Double
Acting 3000 PSI****HIGH SHOCK APPLICATIONS
THREADED GLAND- DUCTILE IRON
V-PACKING AND AN-WIPER****NEW
CATALOG
ITEM**

DBH Part #	Bore	Stroke	Rod	Retracted	Ports	Pin	Rod End	Base End	K	M	WT	Each
DBH-1516-LD	1.5	16	1	24	SAE 6	.75	2	2	2.125	.930	14	\$136.76
DBH-1518-LD	1.5	18	1	26	SAE 6	.75	2	2	2.125	.930	16	\$142.15
DBH-1520-LD	1.5	20	1	28	SAE 6	.75	2	2	2.125	.930	19	\$146.23
DBH-1524-LD	1.5	24	1	32	SAE 6	.75	2	2	2.125	.930	22	\$148.60
DBH-1718-LD	1.75	18	1	27.25	SAE 6	1	3	2.125	1.875	.123	34	\$148.60
DBH-2019-LD	2	19.25	1.25	26.875	SAE 6	1.25	2.75	2.375	1.875	.974	27	\$149.19
DBH-2020-LD	2	19.75	1.25	26.375	SAE 6	1.25	2.75	2.375	1.875	.974	27	\$150.41
DBH-2023-LD	2	22.75	1.25	29.875	SAE 6	1.25	2.75	2.375	1.875	.974	30	\$188.33
DBH-2224-LD	2.25	23.25	1.5	30.25	SAE 8	1.25	2.63	2.63	2.0	1.14	28	\$212.30
DBH-2220-LD	2.25	19.5	1.5	27.25	SAE 8	1.25	2.63	2.63	2.0	1.04	30	\$227.28
DBH-2523-LD	2.5	23.5	1.5	34	SAE 8	1.25	2.875	2.875	2.0	1.04	34	\$237.92
DBH-2524-LD	2.5	24	1.5	37	SAE 8	1.25	2.875	2.875	2.0	1.04	34	\$238.68





4000 SERIES TELESCOPIC CYLINDER

Heavy Duty - 3000 PSI Rated

Single Acting

More Options in Stock- Please ask if not listed



Hydraulic
Cylinders

Rod &
Tubing

Hydraulic
Pumps

Hydraulic
Motors

Hydraulic
Valves

Power
Units

Hoses, Fittings
& Accessories

Bearings

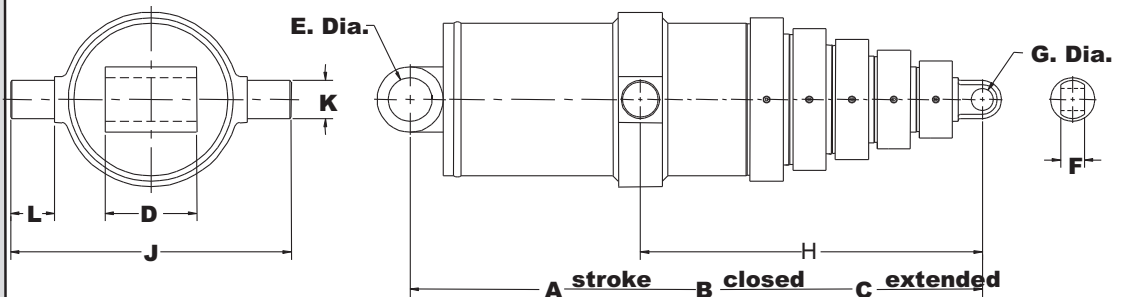
Power
Transmission

Miscellaneous

DBH Part #	Mfg#	Stroke	Closed	Extended	Dia Body	D	E	F	G	Gall Ext	Dry WT	Each
CROSS TUBE MOUNT												
208-5372	53-4592-72	71.94	36.62	108.56	5.0	7.00	2.06	1.50	2.06	4.0	156	\$1502.19
208-5384	53-4592-84	84.19	41.12	125.31	5.0	7.00	2.06	1.50	2.06	4.7	176	\$1632.14
208-53106	53-4592-106	106.00	45.63	117.63	5.0	7.00	2.06	1.50	2.06	6.0	204	\$1874.44
208-6384	63-4680-84	84.38	41.00	125.38	6.0	7.00	2.12	2.00	2.06	7.3	214	\$1770.30
208-63104	63-4402-104	103.75	47.62	151.37	6.0	7.00	2.12	2.00	2.06	9.0	247	\$1860.31
208-63108	63-4402-108	108.38	49.00	157.38	6.0	7.00	2.12	2.00	2.06	9.4	254	\$1896.32
208-63120	63-4402-120	120.38	53.00	173.38	6.0	7.00	2.12	2.00	2.06	10.4	274	\$2064.77
208-63126	63-4402-126	126.38	55.00	181.38	6.0	7.00	2.12	2.00	2.06	11.0	284	\$2160.36
208-63132	63-4402-132	132.38	57.00	189.38	6.0	7.00	2.12	2.00	2.06	11.5	294	\$2274.38
208-63140	63-4680-140	140.62	59.75	200.38	6.0	7.00	2.12	2.00	2.06	12.2	307	\$2548.35
208-64135	64-4435-135	134.75	47.13	181.88	6.0	8.00	1.87	2.69	1.56	9.7	271	\$2520.42
208-64156	64-4435-156	155.75	52.38	208.13	6.0	8.00	1.87	2.69	1.56	11.2	301	\$2958.50
208-73110	73-4500-110	108.93	49.88	158.81	7.0	8.62	2.12	2.00	2.06	13.5	319	\$2344.48
208-73118	73-4500-118	117.18	52.12	169.31	7.0	8.62	2.12	2.00	2.06	14.5	331	\$2435.21
208-73127	73-4500-127	126.19	55.12	181.31	7.0	8.62	2.12	2.00	2.16	15.7	348	\$2459.49
208-73142	73-4500-142	141.19	60.12	201.31	7.0	8.62	2.12	2.00	2.06	17.5	378	\$2639.91
208-73151	73-4500-151	150.19	63.12	213.31	7.0	8.62	2.12	2.00	2.06	18.7	396	\$2712.74
208-74120	74-4401-120	119.94	44.75	164.69	7.0	8.62	2.12	2.00	2.06	12.6	310	\$2340.30
208-74140	74-4401-140	139.69	49.50	189.19	7.0	8.62	2.12	2.00	2.06	14.8	342	\$2634.64
208-74156	74-4401-156	155.18	53.38	208.56	7.0	8.62	2.12	2.00	2.06	16.5	368	\$2940.49
208-74180	74-4401-180	179.69	59.50	239.19	7.0	8.62	2.12	2.00	2.06	19.0	410	\$3396.61
208-84148	84-4466-148	145.00	51.50	196.50	8.0	9.50	2.12	2.00	2.06	21.2	447	\$3286.70
208-84156	84-4466-156	153.00	53.50	206.50	8.0	9.50	2.12	2.00	2.06	22.4	464	\$3300.43
208-84180	84-4466-180	176.50	59.50	236.00	8.0	9.50	2.12	2.00	2.06	25.9	515	\$3354.56
208-85170	85-4402-170	168.62	49.88	218.50	8.0	9.50	2.12	2.00	2.06	21.3	455	\$3494.64
208-85220	85-4402-220	218.62	59.88	278.50	8.0	9.50	2.12	2.00	2.06	27.7	548	\$3870.60
208-85235	85-4402-235	234.25	65.00	299.25	8.0	9.50	2.12	2.00	2.06	29.7	604	\$4140.43
208-85265	85-4453-265	263.62	70.88	334.50	8.0	9.50	2.12	2.00	2.06	33.9	721	\$4621.08
208-85280	85-4510-280	279.25	77.50	356.75	8.0	9.50	2.12	2.00	2.06	35.7	733	\$4921.49
208-95220	95-4461-220	219.62	60.88	280.50	9.0	10.68	2.12	2.00	2.06	38.0	711	\$6081.88
208-95235	95-4461-235	232.75	65.00	297.75	9.0	10.68	2.12	2.00	2.06	40.1	770	\$6249.47
208-95250	95-4461-250	249.88	72.62	322.50	9.0	10.68	2.12	2.00	2.06	43.6	876	\$6635.67
208-95280	95-4461-280	279.88	78.62	358.50	9.0	10.68	2.12	2.00	2.06	48.9	947	\$6965.85
208-95300	95-4461-300	299.88	82.62	382.50	9.0	10.68	2.12	2.00	2.06	52.4	994	\$7265.56

CYLINDER FEATURES

- Self Bleeding Design
- Longer Bearing Length
- Threaded Head Nuts for added Strength and Seal Adjustment
- Pre Loaded V-Packing with a self-adjustingspring energizer to maintain a continuous force on the packing.
- Polished Steel Stages



"H" Measurement on models with Trunion Mounting. Ask a sales rep for more details.

Hydraulic
Cylinders

DALTON Welded Cross-Tube Cylinders

Heavy-Duty 3000PSI
Welded Cylinder

****NOTE: Cylinder specs may vary slightly. If your application requires specific measurements, please be sure to mention when you place your order.

**CONSTRUCTION
GRADE**
- PRESSURE TESTED -
- ISO-9001:2000 CERTIFIED -



**4 Year
Warranty**

**DALTON WELDED
TUBE FEATURES**

- Double-acting applications;
- Heavy duty welded conception;
- Shafts are hardened 50-55 rockwell C, superior quality chrome plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.



The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
1½" BORE								
DBH-1504-WT	4	1	12	1/4 NPTF	¾"	9	128.89	118.58
DBH-1506-WT	6	1	14	1/4 NPTF	¾"	10	135.09	124.30
DBH-1508-WT	8	1	16	1/4 NPTF	¾"	11	141.31	130.01
DBH-1510-WT	10	1	18	1/4 NPTF	¾"	13	147.50	135.71
DBH-1512-WT	12	1	20	1/4 NPTF	¾"	16	165.68	152.44
DBH-1500-WTSK				PACKING KIT			30.91	
2" BORE								
DBH-2004-WT	4	1 ¼	12	3/8 NPTF	1"	10	139.76	128.59
DBH-2006-WT	6	1 ¼	14	3/8 NPTF	1"	12	147.50	135.71
DBH-2008-WT	8	1 ¼	16	3/8 NPTF	1"	13	159.81	147.03
DBH-2010-WT	10	1 ¼	18	3/8 NPTF	1"	15	167.10	153.72
DBH-2012-WT	12	1 ¼	20	3/8 NPTF	1"	17	172.98	159.15
DBH-2014-WT	14	1 ¼	22	3/8 NPTF	1"	19	181.92	167.34
DBH-2016-WT	16	1 ¼	24	3/8 NPTF	1"	20	191.48	176.16
DBH-2018-WT	18	1 ¼	26	3/8 NPTF	1"	22	198.44	187.53
DBH-2020-WT	20	1 ¼	28	3/8 NPTF	1"	24	207.20	190.62
DBH-2024-WT	24	1 ¼	32	3/8 NPTF	1"	27	218.95	201.39
DBH-2028-WT	28	1 ¼	36	3/8 NPTF	1"	31	232.81	214.19
DBH-2030-WT	30	1 ¼	38	3/8 NPTF	1"	33	241.67	222.32
DBH-2032-WT	32	1 ¼	40	3/8 NPTF	1"	35	249.22	229.26
DBH-2036-WT	36	1 ¼	44	3/8 NPTF	1"	38	270.22	248.59
DBH-2040-WT	40	1 ¼	48	3/8 NPTF	1"	42	351.03	322.94
DBH-2048-WT	48	1 ¼	56	3/8 NPTF	1"	49	416.82	383.48
DBH-2000-WTSK				PACKING KIT			42.04	
2½" BORE								
DBH-2504-WT	4	1 ½	12	1/2 NPTF	1"	14	181.30	166.78
DBH-2506-WT	6	1 ½	14	1/2 NPTF	1"	17	188.19	173.13
DBH-2508-WT	8	1 ½	16	1/2 NPTF	1"	20	193.74	178.23
DBH-2510-WT	10	1 ½	18	1/2 NPTF	1"	22	205.28	188.85
DBH-2512-WT	12	1 ½	20	1/2 NPTF	1"	24	212.74	195.72
DBH-2514-WT	14	1 ½	22	1/2 NPTF	1"	26	220.51	202.88
DBH-2516-WT	16	1 ½	24	1/2 NPTF	1"	28	226.73	208.59
DBH-2518-WT	18	1 ½	26	1/2 NPTF	1"	31	236.04	217.16
DBH-2520-WT	20	1 ½	28	1/2 NPTF	1"	33	245.36	225.73
DBH-2524-WT	24	1 ½	32	1/2 NPTF	1"	37	262.29	238.57
DBH-2528-WT	28	1 ½	36	1/2 NPTF	1"	41	273.42	251.55
DBH-2530-WT	30	1 ½	38	1/2 NPTF	1"	44	277.95	255.73
DBH-2532-WT	32	1 ½	40	1/2 NPTF	1"	46	291.93	268.58
DBH-2536-WT	36	1 ½	44	1/2 NPTF	1"	50	310.58	285.73
DBH-2540-WT	40	1 ½	48	1/2 NPTF	1"	55	384.10	353.38
DBH-2548-WT	48	1 ½	56	1/2 NPTF	1"	63	479.91	441.51
DBH-2500-WTSK				PACKING KIT			39.47	
3" BORE								
DBH-3004-WT	4	1 ½	12	1/2 NPTF	1"	16	217.40	200.01
DBH-3006-WT	6	1 ½	14	1/2 NPTF	1"	19	230.87	212.42
DBH-3008-WT	8	1 ½	16	1/2 NPTF	1"	26	239.34	220.20
DBH-3010-WT	10	1 ½	18	1/2 NPTF	1"	29	246.82	227.07
DBH-3012-WT	12	1 ½	20	1/2 NPTF	1"	31	255.57	235.12
DBH-3014-WT	14	1 ½	22	1/2 NPTF	1"	33	268.09	246.66
DBH-3016-WT	16	1 ½	24	1/2 NPTF	1"	36	280.22	257.80
DBH-3018-WT	18	1 ½	26	1/2 NPTF	1"	39	292.36	269.07
DBH-3020-WT	20	1 ½	28	1/2 NPTF	1"	41	299.10	275.17
DBH-3024-WT	24	1 ½	32	1/2 NPTF	1"	46	320.94	295.26
DBH-3028-WT	28	1 ½	36	1/2 NPTF	1"	49	340.59	313.36
DBH-3030-WT	30	1 ½	38	1/2 NPTF	1"	53	346.11	318.42
DBH-3032-WT	32	1 ½	40	1/2 NPTF	1"	57	359.08	333.60
DBH-3036-WT	36	1 ½	44	1/2 NPTF	1"	60	387.39	356.38
DBH-3040-WT	40	1 ½	48	1/2 NPTF	1"	66	420.50	386.86
DBH-3048-WT	48	1 ½	56	1/2 NPTF	1"	78	449.86	413.86
DBH-3060-WT	60	1 ½	72	1/2 NPTF	1"	90	504.37	460.04
DBH-3000-WTSK				PACKING KIT			38.64	
3½" BORE								
DBH-3504-WT	4	1 ¾	14	1/2 NPTF	1 ¼"	28	217.75	213.62
DBH-3506-WT	6	1 ¾	16	1/2 NPTF	1 ¼"	31	239.96	227.91
DBH-3508-WT	8	1 ¾	18	1/2 NPTF	1 ¼"	33	254.32	233.94
DBH-3510-WT	10	1 ¾	20	1/2 NPTF	1 ¼"	41	273.43	251.48

Hydraulic Cylinders

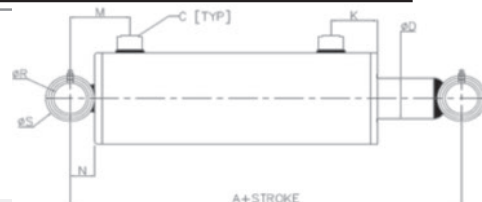
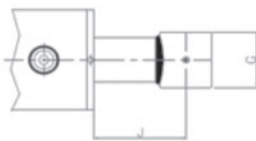


The Best Warranty in the industry, all Dalton cylinders are guaranteed against factory defects for 4 years.



DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
DBH-3512-WT	12	1 3/4	22	1/2 NPTF	1 1/4"	49	291.96	268.61
DBH-3514-WT	14	1 3/4	24	1/2 NPTF	1 1/4"	51	303.02	278.80
DBH-3516-WT	16	1 3/4	26	1/2 NPTF	1 1/4"	52	321.42	295.71
DBH-3518-WT	18	1 3/4	28	1/2 NPTF	1 1/4"	54	339.30	312.12
DBH-3520-WT	20	1 3/4	30	1/2 NPTF	1 1/4"	55	349.70	321.73
DBH-3524-WT	24	1 3/4	34	1/2 NPTF	1 1/4"	57	377.07	346.90
DBH-3528-WT	28	1 3/4	38	1/2 NPTF	1 1/4"	63	397.60	365.80
DBH-3530-WT	30	1 3/4	40	1/2 NPTF	1 1/4"	66	419.01	385.50
DBH-3532-WT	32	1 3/4	42	1/2 NPTF	1 1/4"	82	439.69	404.52
DBH-3536-WT	36	1 3/4	46	1/2 NPTF	1 1/4"	85	467.04	429.67
DBH-3540-WT	40	1 3/4	50	1/2 NPTF	1 1/4"	87	494.12	454.60
DBH-3548-WT	48	1 3/4	58	1/2 NPTF	1 1/4"	98	561.13	516.23
DBH-3500-WTSK				PACKING KIT			44.16	
4" BORE								
DBH-4008-WT	8	2	18	1/2 NPTF	1 1/2"	41	372.94	343.11
DBH-4010-WT	10	2	20	1/2 NPTF	1 1/2"	45	390.94	359.66
DBH-4012-WT	12	2	22	1/2 NPTF	1 1/2"	48	402.63	370.43
DBH-4014-WT	14	2	24	1/2 NPTF	1 1/2"	52	420.38	386.74
DBH-4016-WT	16	2	26	1/2 NPTF	1 1/2"	56	433.63	398.94
DBH-4018-WT	18	2	28	1/2 NPTF	1 1/2"	59	453.17	417.04
DBH-4020-WT	20	2	30	1/2 NPTF	1 1/2"	63	467.29	429.91
DBH-4024-WT	24	2	34	1/2 NPTF	1 1/2"	70	499.40	460.72
DBH-4028-WT	28	2	38	1/2 NPTF	1 1/2"	77	540.46	497.07
DBH-4030-WT	30	2	40	1/2 NPTF	1 1/2"	81	548.33	504.45
DBH-4032-WT	32	2	42	1/2 NPTF	1 1/2"	85	558.11	513.46
DBH-4036-WT	36	2	46	1/2 NPTF	1 1/2"	92	577.77	511.12
DBH-4040-WT	40	2	50	1/2 NPTF	1 1/2"	99	606.98	558.44
DBH-4042-WT	42	2	52	1/2 NPTF	1 1/2"	106	652.39	600.19
DBH-4048-WT	48	2	58	1/2 NPTF	1 1/2"	114	679.47	625.10
DBH-4096-WT	96	2 1/4	113	#8 SAE	1 1/4"	270	1464.31	1347.17
DBH-4120-WT	120	2 1/4	134	#8 SAE	1 1/4"	353	1574.08	1447.91
DBH-4000-WTSK				PACKING KIT			51.06	
5" BORE								
DBH-5008-WT	8	2 1/2	20	1/2 NPTF	1 3/4"	72	602.66	554.45
DBH-5010-WT	10	2 1/2	22	1/2 NPTF	1 3/4"	76	640.06	588.86
DBH-5012-WT	12	2 1/2	24	1/2 NPTF	1 3/4"	80	671.15	617.46
DBH-5014-WT	14	2 1/2	26	1/2 NPTF	1 3/4"	85	696.28	640.58
DBH-5016-WT	16	2 1/2	28	1/2 NPTF	1 3/4"	89	716.29	658.97
DBH-5018-WT	18	2 1/2	30	1/2 NPTF	1 3/4"	94	736.08	677.18
DBH-5020-WT	20	2 1/2	32	1/2 NPTF	1 3/4"	98	756.01	695.52
DBH-5024-WT	24	2 1/2	36	1/2 NPTF	1 3/4"	106	805.85	741.39
DBH-5028-WT	28	2 1/2	40	1/2 NPTF	1 3/4"	115	838.55	771.54
DBH-5030-WT	30	2 1/2	42	1/2 NPTF	1 3/4"	119	870.08	800.49
DBH-5032-WT	32	2 1/2	44	1/2 NPTF	1 3/4"	124	895.91	808.40
DBH-5036-WT	36	2 1/2	48	1/2 NPTF	1 3/4"	132	947.35	871.59
DBH-5040-WT	40	2 1/2	52	1/2 NPTF	1 3/4"	152	1035.23	952.41
DBH-5048-WT	48	2 1/2	60	1/2 NPTF	1 3/4"	168	1089.72	1002.54
DBH-5000-WTSK				PACKING KIT			67.62	

"B" Dimension below is 4" on these 2 models



BORE	A	B	C	D	E	G	A+STROKE					S
							J	K	M	N	R	
1.500	8.000	0.187	1/4 NPT	1.000	2.250	2.000	3.507	2.125	0.851	0.625	0.750	1.250
2.000	8.000	0.187	3/8 NPT	1.250	2.750	2.250	3.314	1.875	0.977	0.750	1.000	1.500
2.500	8.000	0.187	1/2 NPT	1.500	3.250	2.250	3.000	2.000	1.044	0.750	1.000	1.500
3.000	8.000	0.188	1/2 NPT	1.500	3.750	2.250	2.629	2.086	1.245	0.750	1.000	1.500
3.500	10.000	0.188	1/2 NPT	1.750	4.250	2.250	4.187	2.313	1.311	1.000	1.250	2.000
4.000	10.000	0.250	1/2 NPT	2.000	4.750	2.500	3.877	2.126	1.614	1.125	1.500	2.250
5.000	12.000	0.313	1/2NPT	2.500	5.500	3.250	4.207	2.500	1.500	1.250	1.750	2.500

Hydraulic
Cylinders

Heavy-Duty 3000PSI Welded Cylinder
One piece steel butt casting
Top port configuration
O- Ring ports



DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
1½" BORE								
205-1504	4	1	12	SAE 4	¾"	8	130.90	119.35
205-1506	6	1	14	SAE 4	¾"	9	136.88	124.81
205-1508	8	1	16	SAE 4	¾"	10	143.62	130.94
205-1510	10	1	18	SAE 4	¾"	11	149.60	136.40
205-1512	12	1	20	SAE 4	¾"	13	155.58	141.86
205-1514	14	1	22	SAE 4	¾"	14	162.32	147.99
205-1516	16	1	24	SAE 4	¾"	15	168.30	153.45
205-1518	18	1	26	SAE 4	¾"	16	175.03	159.59

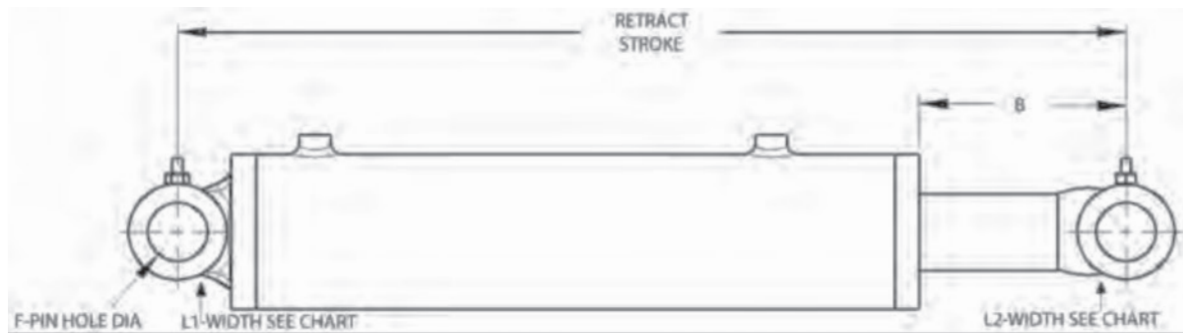
2" BORE								
205-2004	4	1.25	12	SAE 6	1"	12	162.32	147.99
205-2006	6	1.25	14	SAE 6	1"	13	169.80	154.81
205-2008	8	1.25	16	SAE 6	1"	15	178.02	162.32
205-2010	10	1.25	18	SAE 6	1"	17	185.50	169.14
205-2012	12	1.25	20	SAE 6	1"	19	193.73	176.64
205-2014	14	1.25	22	SAE 6	1"	20	201.21	183.46
205-2016	16	1.25	24	SAE 6	1"	22	209.44	190.96
205-2018	18	1.25	26	SAE 6	1"	24	216.92	197.78
205-2020	20	1.25	28	SAE 6	1"	25	225.15	205.28
205-2024	24	1.25	32	SAE 6	1"	29	240.86	219.60
205-2030	30	1.25	38	SAE 6	1"	34	264.04	240.75
205-2032	32	1.25	40	SAE 6	1"	36	273.02	248.93
205-2036	36	1.25	44	SAE 6	1"	39	290.22	264.62

2½" BORE								
205-2504	4	1.50	12	SAE 8	1"	16	195.23	178.00
205-2506	6	1.50	14	SAE 8	1"	18	205.70	187.55
205-2508	8	1.50	16	SAE 8	1"	20	214.68	195.73
205-2510	10	1.50	18	SAE 8	1"	22	225.15	205.28
205-2512	12	1.50	20	SAE 8	1"	25	234.12	213.47
205-2514	14	1.50	22	SAE 8	1"	27	244.60	223.01
205-2516	16	1.50	24	SAE 8	1"	29	255.07	232.56
205-2518	18	1.50	26	SAE 8	1"	31	264.04	240.75
205-2520	20	1.50	28	SAE 8	1"	34	274.52	250.29
205-2524	24	1.50	32	SAE 8	1"	38	293.22	267.34
205-2530	30	1.50	38	SAE 8	1"	45	323.14	294.62
205-2532	32	1.50	40	SAE 8	1"	47	334.36	304.85
205-2536	36	1.50	44	SAE 8	1"	51	354.55	323.27

3" BORE								
205-3004	4	1.50	12	SAE 8	1"	19	228.89	208.69
205-3006	6	1.50	14	SAE 8	1"	22	240.11	218.92
205-3008	8	1.50	16	SAE 8	1"	24	249.83	227.79
205-3010	10	1.50	18	SAE 8	1"	27	261.05	238.02
205-3012	12	1.50	20	SAE 8	1"	29	272.27	248.25
205-3014	14	1.50	22	SAE 8	1"	32	282.74	257.80
205-3016	16	1.50	24	SAE 8	1"	34	293.22	267.34
205-3018	18	1.50	26	SAE 8	1"	36	304.44	277.57
205-3020	20	1.50	28	SAE 8	1"	39	315.66	287.80
205-3024	24	1.50	32	SAE 8	1"	44	336.60	306.90
205-3030	30	1.50	38	SAE 8	1"	51	368.76	336.23
205-3032	32	1.50	40	SAE 8	1"	54	380.73	347.14
205-3036	36	1.50	44	SAE 8	1"	59	402.42	366.92
205-3040	40	1.50	48	SAE 8	1"	63	423.37	386.01
205-3048	48	1.50	56	SAE 8	1"	73	469.00	427.72

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
3½" BORE								
205-3508	8	1.75	18	SAE 8	1 ¼"	33	308.18	280.98
205-3510	10	1.75	20	SAE 8	1 ¼"	36	320.89	292.58
205-3512	12	1.75	22	SAE 8	1 ¼"	39	334.36	304.85
205-3514	14	1.75	24	SAE 8	1 ¼"	42	347.82	317.13
205-3516	16	1.75	26	SAE 8	1 ¼"	45	359.79	328.04
205-3518	18	1.75	28	SAE 8	1 ¼"	48	373.25	340.32
205-3520	20	1.75	30	SAE 8	1 ¼"	51	386.72	352.59
205-3524	24	1.75	34	SAE 8	1 ¼"	57	413.64	377.15
205-3530	30	1.75	40	SAE 8	1 ¼"	67	451.04	411.25
205-3532	32	1.75	42	SAE 8	1 ¼"	70	464.51	423.52
205-3536	36	1.75	46	SAE 8	1 ¼"	76	492.36	448.07
205-3540	40	1.75	50	SAE 8	1 ¼"	82	517.62	471.94
205-3548	48	1.75	58	SAE 8	1 ¼"	94	569.98	519.68

4" BORE								
205-4008	8	2	18	SAE 8	1 ½"	41	371.76	338.95
205-4010	10	2	20	SAE 8	1 ½"	45	388.21	353.96
205-4012	12	2	22	SAE 8	1 ½"	49	403.92	368.28
205-4014	14	2	24	SAE 8	1 ½"	52	418.88	381.92
205-4016	16	2	26	SAE 8	1 ½"	56	434.59	396.24
205-4018	18	2	28	SAE 8	1 ½"	60	449.55	409.88
205-4020	20	2	30	SAE 8	1 ½"	63	465.26	424.20
205-4024	24	2	34	SAE 8	1 ½"	71	495.92	452.17
205-4030	30	2	40	SAE 8	1 ½"	82	541.55	493.77
205-4032	32	2	42	SAE 8	1 ½"	85	557.26	508.09
205-4036	36	2	46	SAE 8	1 ½"	93	587.93	536.05
205-4040	40	2	50	SAE 8	1 ½"	100	619.34	564.70
205-4048	48	2	58	SAE 8	1 ½"	115	681.43	621.30



BORE	PORTS	CROSS TUBE WIDTH		B	F
		L1-BASE END	L2-ROD END		
1.5	SAE 4	2.25	2.00	2.62	¾
2.0	SAE 6	2.75	2.25	2.25	1
2.5	SAE 8	3.25	2.25	2.25	1
3.0	SAE 8	3.75	2.25	2.25	1
3.5	SAE 8	4.25	2.25	4.00	1.25
4.0	SAE 8	4.75	2.50	3.75	1.50

DALTON Heavy-Duty Welded
Cross-Tube Cylinders

BISON™ CYLINDERS

by

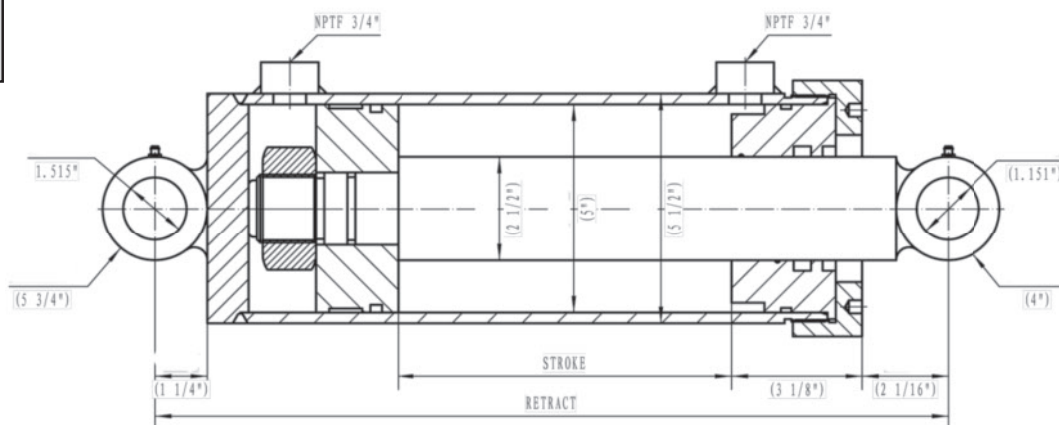
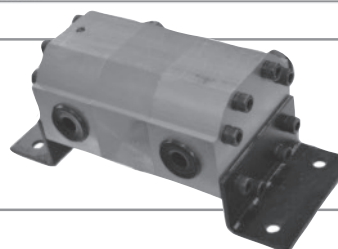


DALTON Exclusive

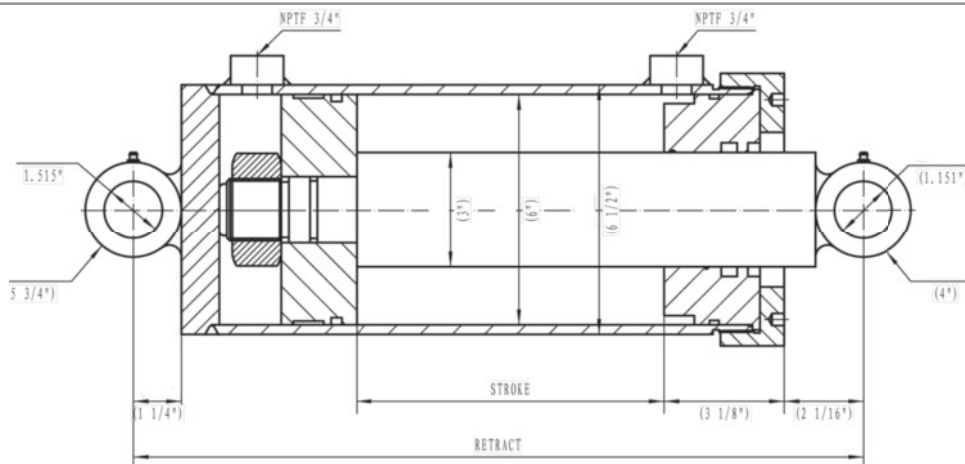
**DALTON WELDED
TUBE FEATURES**

- Double-acting applications;
- Heavy duty welded conception;
- Shafts are hardened 50-55 rockwell C, superior quality chrome plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.
- Standard Color is Red.

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	Each
5" BORE							
DBH-5008-I	8	2.5	19	#12 SAE	1 1/2"	75	\$681.67
DBH-5012-I	12	2.5	23	#12 SAE	1 1/2"	85	\$736.78
DBH-5014-I	14	2.5	25	#12 SAE	1 1/2"	88	\$764.39
DBH-5016-I	16	2.5	27	#12 SAE	1 1/2"	90	\$791.85
DBH-5018-I	18	2.5	29	#12 SAE	1 1/2"	98	\$819.04
DBH-5020-I	20	2.5	31	#12 SAE	1 1/2"	105	\$846.93
DBH-5024-I	24	2.5	35	#12 SAE	1 1/2"	115	\$902.02
DBH-5030-I	30	2.5	41	#12 SAE	1 1/2"	130	\$984.64
DBH-5036-I	36	2.5	47	#12 SAE	1 1/2"	145	\$1067.27
DBH-5048-I	48	2.5	61	#12 SAE	1 1/2"	181	\$1232.53
DBH-5060-I	60	2.5	75	#12 SAE	1 1/2"	215	\$1397.78

**Rotary Flow Dividers**

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DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	Each
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6" BORE

DBH-6008-I	8	3	19	#12 SAE	1 1/2"	100	\$844.53
DBH-6012-I	12	3	23	#12 SAE	1 1/2"	110	\$922.68
DBH-6016-I	16	3	27	#12 SAE	1 1/2"	125	\$1005.30
DBH-6018-I	18	3	29	#12 SAE	1 1/2"	133	\$1046.62
DBH-6020-I	20	3	31	#12 SAE	1 1/2"	140	\$1087.93
DBH-6024-I	24	3	35	#12 SAE	1 1/2"	150	\$1170.56
DBH-6030-I	30	3	41	#12 SAE	1 1/2"	170	\$1294.50
DBH-6036-I	36	3	47	#12 SAE	1 1/2"	190	\$1418.45
DBH-6048-I	48	3	61	#12 SAE	1 1/2"	240	\$1666.34
DBH-6054-I	54	3	68	#12 SAE	1 1/2"	265	\$1790.27
DBH-6060-I	60	3	75	#12 SAE	1 1/2"	290	\$1914.20
DBH-6072-I	72	3	89	#12 SAE	1 1/2"	321	\$2162.10

8" BORE

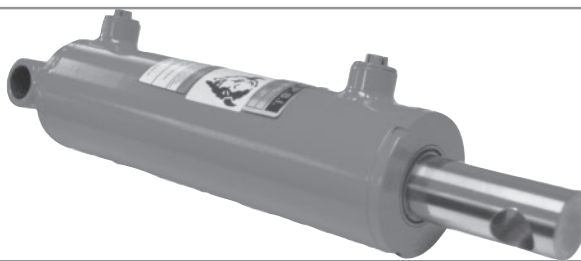
DBH-8008-HH	8	4	24	#16 SAE	2 1/2"	250	\$2065.70
DBH-8012-HH	12	4	28	#16 SAE	2 1/2"	275	\$2230.95
DBH-8016-HH	16	4	32	#16 SAE	2 1/2"	300	\$2396.21
DBH-8024-HH	24	4	40	#16 SAE	2 1/2"	350	\$2726.71
DBH-8030-HH	30	4	46	#16 SAE	2 1/2"	385	\$2974.61
DBH-8036-HH	36	4	52	#16 SAE	2 1/2"	425	\$3222.47
DBH-8048-HH	48	4	66	#16 SAE	2 1/2"	500	\$3718.25
DBH-8054-HH	54	4	73	#16 SAE	2 1/2"	540	\$4010.92
DBH-8060-HH	60	4	80	#16 SAE	2 1/2"	580	\$4214.02

DALTON WELDED TUBE FEATURES

- Double-acting applications;
- Heavy duty welded construction
- Shafts are hardened, superior quality chrome plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.
- Standard Color is Red

Hydraulic
Cylinders

DALTON WP Welded Cylinders

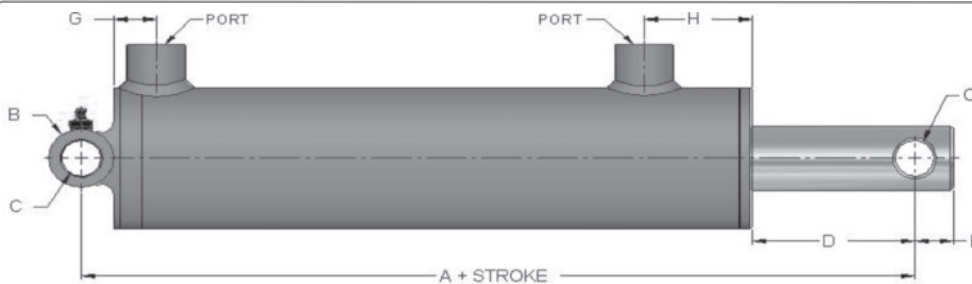
Heavy-Duty 3000PSI
Welded Cylinder**DALTON WP
SERIES
FEATURES**

- Double-acting applications;
- Heavy duty welded conception;
- Grease Zerk on tube
- Shafts are hardened 50-55 rockwell C, superior quality chrome plated and high polished finish for long seal life and for protection from external damage corrosion;
- Tube: Honed steel, precision finished for extended seal life;
- 100% Top quality sealing.

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up	
1½" BORE									
DBH-1504-PE	4	1	11	SAE 6	5/8"	9	179.04	164.69	
DBH-1506-PE	6	1	13	SAE 6	5/8"	10	185.91	171.03	
DBH-1508-PE	8	1	15	SAE 6	5/8"	11	192.79	177.39	
DBH-1500-PESK	PACKING KIT						37.19		
2" BORE									
DBH-2008-PE	8	1 1/4	16	SAE 8	¾"	13	213.45	196.38	
DBH-2010-PE	10	1 1/4	18	SAE 8	¾"	15	220.35	202.71	
DBH-2016-PE	16	1 1/4	24	SAE 8	¾"	20	240.99	221.72	
DBH-2020-PE	20	1 1/4	28	SAE 8	¾"	24	254.77	234.38	
DBH-2024-PE	24	1 1/4	32	SAE 8	¾"	27	261.65	240.73	
DBH-2030-PE	30	1 1/4	38	SAE 8	¾"	33	282.31	259.73	
DBH-2032-PE	32	1 1/4	40	SAE 8	¾"	35	289.21	266.06	
DBH-2036-PE	36	1 1/4	44	SAE 8	¾"	38	302.97	278.73	
DBH-2042-PE	42	1 1/4	50	SAE 8	¾"	42	323.63	297.73	
DBH-2048-PE	48	1 1/4	56	SAE 8	¾"	49	344.28	316.74	
DBH-2060-PE	60	1 1/4	68	SAE 8	¾"	49	385.60	354.75	
DBH-2072-PE	72	1 1/4	80	SAE 8	¾"	58	426.91	392.75	
DBH-2000-PESK	PACKING KIT						34.50		
2½" BORE									
DBH-2508-PE	8	1 3/8	16	SAE 8	¾"	20	234.11	215.39	
DBH-2512-PE	12	1 3/8	20	SAE 8	¾"	24	247.91	228.07	
DBH-2516-PE	16	1 3/8	24	SAE 8	¾"	28	261.69	240.74	
DBH-2520-PE	20	1 3/8	28	SAE 8	¾"	33	275.48	253.44	
DBH-2524-PE	24	1 3/8	32	SAE 8	¾"	37	289.25	266.11	
DBH-2530-PE	30	1 3/8	38	SAE 8	¾"	44	309.92	285.14	
DBH-2532-PE	32	1 3/8	40	SAE 8	¾"	37	316.83	291.49	
DBH-2536-PE	36	1 3/8	44	SAE 8	¾"	50	330.61	304.17	
DBH-2542-PE	42	1 3/8	50	SAE 8	¾"	55	351.29	323.19	
DBH-2548-PE	48	1 3/8	56	SAE 8	¾"	63	371.96	342.21	
DBH-2560-PE	60	1 3/8	68	SAE 8	¾"	57	413.14	380.08	
DBH-2500-PESK	PACKING KIT						39.47		
3" BORE									
DBH-3008-PE	8	1 1/2	16	SAE 8	1"	26	289.21	266.06	
DBH-3012-PE	12	1 1/2	20	SAE 8	1"	31	302.97	278.73	
DBH-3016-PE	16	1 1/2	24	SAE 8	1"	36	316.74	291.40	
DBH-3020-PE	20	1 1/2	28	SAE 8	1"	41	330.51	304.08	
DBH-3024-PE	24	1 1/2	32	SAE 8	1"	46	344.28	316.74	
DBH-3030-PE	30	1 1/2	38	SAE 8	1"	53	365.03	335.74	
DBH-3036-PE	36	1 1/2	44	SAE 8	1"	60	385.60	354.75	
DBH-3040-PE	40	1 1/2	48	SAE 8	1"	66	399.36	367.43	
DBH-3042-PE	42	1 1/2	50	SAE 8	1"	57	401.35	369.23	
DBH-3048-PE	48	1 1/2	56	SAE 8	1"	78	406.25	373.77	
DBH-3060-PE	60	1 1/2	72	SAE 8	1"	90	429.91	392.75	
DBH-3000-PESK	PACKING KIT						42.50		
3½" BORE									
DBH-3508-PE	8	1 3/4	16	SAE 8	1"	33	344.30	293.29	
DBH-3510-PE	10	1 3/4	18	SAE 8	1"	41	358.08	305.03	
DBH-3512-PE	12	1 3/4	20	SAE 8	1"	49	385.61	328.48	
DBH-3516-PE	16	1 3/4	24	SAE 8	1"	52	399.38	340.22	
DBH-3518-PE	18	1 3/4	26	SAE 8	1"	54	413.15	351.94	
DBH-3520-PE	20	1 3/4	28	SAE 8	1"	55	440.70	375.42	
DBH-3524-PE	24	1 3/4	32	SAE 8	1"	57	482.01	410.61	
DBH-3530-PE	30	1 3/4	38	SAE 8	1"	66	523.32	445.78	
DBH-3536-PE	36	1 3/4	44	SAE 8	1"	85	543.83	463.28	
DBH-3540-PE	40	1 3/4	48	SAE 8	1"	87	604.86	515.26	
DBH-3548-WP3	48	1 3/4	56	SAE 8	1"	94	300.00	300.00	
DBH-3500-PESK	PACKING KIT						50.09		

DALTON
DEAL

DBH Part #	Stroke	Rod Dia.	Retracted Length	Port Size	Pin Dia.	Wt.	1-9	10 & Up
4" BORE								
DBH-4008-PE	8	2	17	SAE 8	1 1/4"	41	440.69	405.43
DBH-4010-PE	10	2	19	SAE 8	1 1/4"	45	454.46	418.09
DBH-4012-PE	12	2	21	SAE 8	1 1/4"	48	468.22	430.77
DBH-4016-PE	16	2	25	SAE 8	1 1/4"	56	495.77	456.11
DBH-4018-PE	18	2	27	SAE 8	1 1/4"	59	509.53	468.77
DBH-4020-PE	20	2	29	SAE 8	1 1/4"	63	523.32	481.45
DBH-4024-PE	24	2	33	SAE 8	1 1/4"	70	550.98	506.89
DBH-4030-PE	30	2	39	SAE 8	1 1/4"	81	591.86	544.52
DBH-4036-PE	36	2	45	SAE 8	1 1/4"	92	633.49	582.80
DBH-4048-PE	48	2	57	SAE 8	1 1/4"	121	644.34	589.18
DBH-4060-PE	60	2	69	SAE 8	1 1/4"	142	649.05	597.14
DBH-4000-PESK				PACKING KIT			47.52	



INSIDE DIAMETER	OUTSIDE DIAMETER	A	B	C	D	E	F	G	H	ROD DIAMETER	PORT
1.500"	2.000"	7.000"	1.250"	0.640"	2.438"	0.625"	2.000"	0.813"	1.875"	1.000"	SAE #6
2.000"	2.500"	8.000"	1.250"	0.765"	3.375"	0.750"	2.500"	0.813"	1.875"	1.250"	SAE #8
2.500"	3.000"	8.000"	1.250"	0.765"	3.125"	0.750"	3.000"	0.813"	2.063"	1.375"	SAE #8
3.000"	3.500"	8.000"	1.500"	1.015"	2.563"	1.000"	3.500"	0.813"	2.188"	1.500"	SAE #8
3.500"	4.000"	8.000"	1.500"	1.015"	2.438"	1.000"	4.000"	0.813"	2.188"	1.750"	SAE #8
4.000"	4.500"	9.000"	2.000"	1.265"	2.438"	1.250"	4.500"	0.813"	2.188"	2.000"	SAE #8

Logsplitter Cylinders

- Clevis on base end, hole in rod
- 3500 PSI



DBH Part #	Bore	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Hole Dia.	Clevis Pin Dia.	WT	Each
DBH-4024-LS	4	24	1 3/4"	32.5	#8 SAE	1/2"	1.25"	65	\$313.63
DBH-4524-LS	4.5	24	1 3/4"	32.5	#8 SAE	1/2"	1.25"	74	\$376.35
DBH-5024-LS	5	24	2"	32.5	#8 SAE	1/2"	1.25"	87	\$439.09

Hydraulic
Cylinders

PRINCE Tie-Rod Cylinders

ROYALPLATE PLUS
3000 PSI Rated***ALSO AVAILABLE WITH
STANDARD CHROME ROD,
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FOR DETAILS.Prince Master
Distributor

MADE IN AMERICA

ROYAL PLATE PLUS
COATINGPrevents rust and
corrosion more than
twice as long as hard
chrome plating and
gas nitride treated
steel bar.3-Year
Warranty3 year warranty on
standard products means you
can confidently utilize
equipment year after year.
RoyalPlate Plus rods are
warranted against rust and
corrosion for 7 years.

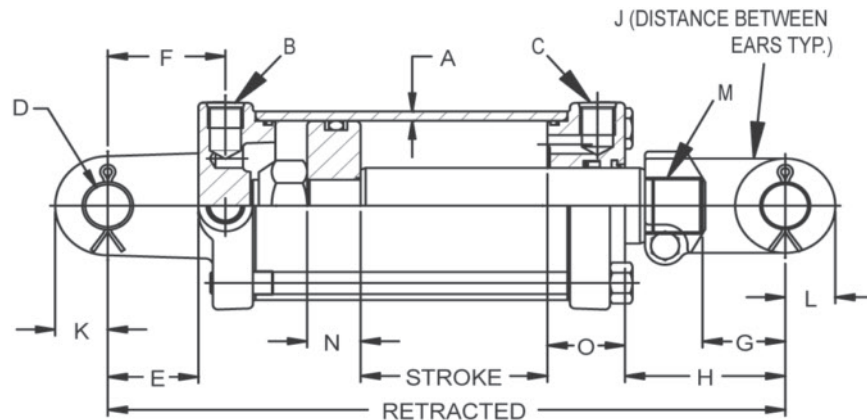
DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Column Load	Pin Dia.	WT	List	1-9	10+
2" Bore											
211-2004	B200040ABAAA07B	4	1.125	14.25	#8 SAE	9425	1"	17	\$311.00	\$255.89	\$233.31
211-2006	B200060ABAAA07B	6	1.125	16.25	#8 SAE	9425	1"	19	\$313.00	\$257.53	\$234.82
211-2008-A	A200080ABAAA07B	8	1.125	20.25	#8 SAE	9425	1"	21	\$335.00	\$262.47	\$239.32
211-2008	B200080ABAAA07B	8	1.125	18.25	#8 SAE	9425	1"	21	\$321.00	\$264.12	\$240.81
211-2010	B200100ABAAA07B	10	1.125	20.25	#8 SAE	9425	1"	22	\$333.00	\$270.70	\$246.82
211-2012	B200120ABAAA07B	12	1.125	22.25	#8 SAE	9425	1"	23	\$345.00	\$274.81	\$250.57
211-2014	B200140ABAAA07B	14	1.125	24.25	#8 SAE	9425	1"	25	\$372.00	\$278.93	\$254.32
211-2016	A200160ABAAA07B	16	1.125	31.5	#8 SAE	7630	1"	28	\$388.00	\$291.27	\$265.57
211-2018	B200180ABAAA07B	18	1.125	28.25	#8 SAE	9200	1"	28	\$365.00	\$300.32	\$273.82
211-2020	B200200ABAAA07B	20	1.125	30.25	#8 SAE	7760	1"	30	\$395.00	\$308.55	\$281.33
211-2024	B200240ABAAA07B	24	1.125	34.25	#8 SAE	5730	1"	33	\$422.00	\$329.95	\$300.83
211-2030	B200300ABAAA07B	30	1.125	40.25	#8 SAE	3910	1"	37	\$483.00	\$358.74	\$327.09
211-2000-SK	PMCK-B200000	PACKING KIT								\$61.14	
2½" Bore											
211-2506	B250060ABAAA07B	6	1.25	16.25	#8 SAE	14730	1"	22	\$385.00	\$281.40	\$245.56
211-2508-A	A250080ABAAA07B	8	1.25	20.25	#8 SAE	14730	1"	25	\$416.00	\$291.27	\$265.57
211-2508	B250080ABAAA07B	8	1.25	18.25	#8 SAE	14730	1"	26	\$378.00	\$311.01	\$283.58
211-2510	B250100ABAAA07B	10	1.25	20.25	#8 SAE	14730	1"	26	\$418.00	\$300.32	\$273.82
211-2512	B250120ABAAA07B	12	1.25	22.25	#8 SAE	14730	1"	28	\$439.00	\$308.55	\$281.33
211-2514	B250140ABAAA07B	14	1.25	24.25	#8 SAE	14730	1"	30	\$444.00	\$323.36	\$294.87
211-2516	A250160ABAAA07B	16	1.25	31.5	#8 SAE	11520	1"	34	\$479.00	\$338.17	\$308.33
211-2518	B250180ABAAA07B	18	1.25	28.25	#8 SAE	13880	1"	34	\$446.00	\$348.87	\$318.09
211-2520	B250200ABAAA07B	20	1.25	30.25	#8 SAE	11720	1"	36	\$448.00	\$361.21	\$329.34
211-2524	B250240ABAAA07B	24	1.25	34.25	#8 SAE	8760	1"	41	\$523.00	\$388.37	\$354.09
211-2530	B250300ABAAA07B	30	1.25	40.25	#8 SAE	5930	1"	47	\$559.00	\$426.21	\$388.61
211-2500-SK	PMCK-B250000	PACKING KIT								\$81.13	
3" Bore											
211-3006	B300060ABAAA07B	6	1.375	16.25	#8 SAE	21210	1"	26	\$401.00	\$293.74	\$267.82
211-3008-A	A300080ABAAA07B	8	1.375	20.25	#8 SAE	21210	1"	29	\$432.00	\$308.55	\$281.33
211-3008	B300080ABAAA07B	8	1.375	18.25	#8 SAE	21210	1"	29	\$383.00	\$315.13	\$287.33
211-3010	B300100ABAAA07B	10	1.375	20.25	#8 SAE	21210	1"	30	\$435.00	\$312.66	\$285.08
211-3012	B300120ABAAA07B	12	1.375	22.25	#8 SAE	21210	1"	33	\$450.00	\$327.47	\$298.58
211-3014	B300140ABAAA07B	14	1.375	24.25	#8 SAE	21210	1"	35	\$464.00	\$342.29	\$312.08
211-3016	A300160ABAAA07B	16	1.375	31.5	#8 SAE	16730	1"	40	\$501.00	\$361.21	\$329.34
211-3018	B300180ABAAA07B	18	1.375	28.25	#8 SAE	20120	1"	40	\$492.00	\$373.55	\$340.59
211-3020	B300200ABAAA07B	20	1.375	30.25	#8 SAE	17010	1"	42	\$507.00	\$388.37	\$354.09
211-3024	B300240ABAAA07B	24	1.375	34.25	#8 SAE	12620	1"	47	\$543.00	\$424.57	\$387.10
211-3030	B300300ABAAA07B	30	1.375	40.25	#8 SAE	8640	1"	54	\$587.00	\$482.99	\$440.36
211-3036	B300360ABAAA07B	36	1.375	46.25	#8 SAE	6290	1"	61	\$659.00	\$542.22	\$494.38
211-3048	B300480ABAAA07B	48	1.375	58.25	#8 SAE	3760	1"	75	\$810.00	\$666.47	\$607.66
211-3000-SK	PMCK-B300000	PACKING KIT								\$91.54	
3½" Bore											
211-3508-A	A350080ABAAA07B	8	1.375	20.25	#8 SAE	28860	1"	35	\$504.00	\$354.63	\$323.33
211-3510	B350100ABAAA07B	10	1.375	20.25	#8 SAE	28860	1"	37	\$511.00	\$354.63	\$325.51
211-3512	B350120ABAAA07B	12	1.375	22.25	#8 SAE	28860	1"	39	\$491.00	\$358.74	\$327.09
211-3514	B350140ABAAA07B	14	1.375	24.25	#8 SAE	28860	1"	42	\$539.00	\$377.66	\$344.34
211-3516	A350160ABAAA07B	16	1.375	31.5	#8 SAE	16900	1"	46	\$581.00	\$401.52	\$366.09
211-3518	B350180ABAAA07B	18	1.375	28.25	#8 SAE	20400	1"	47	\$566.00	\$417.98	\$381.11
211-3520	B350200ABAAA07B	20	1.375	30.25	#8 SAE	17240	1"	49	\$592.00	\$435.26	\$396.86
211-3524	B350240ABAAA07B	24	1.375	34.25	#8 SAE	12780	1"	54	\$624.00	\$474.76	\$432.86
211-3530	B350300ABAAA07B	30	1.375	40.25	#8 SAE	8760	1"	62	\$662.00	\$544.70	\$496.63
211-3536	B350360ABAAA07B	36	1.375	46.25	#8 SAE	6370	1"	69	\$749.00	\$616.28	\$561.90
211-3500-SK	PMCK-B350000	PACKING KIT								\$94.64	

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Column Load	Pin Dia.	WT	List	1-9	10+
4" Bore (includes hardened pins)											
211-4008-A	A400080ABACA07B	8	1.75	20.25	#8 SAE	37700	1"	48	\$537.00	\$428.68	\$390.85
211-4010	B400100ABACA07B	10	1.75	20.25	#8 SAE	37700	1"	50	\$588.00	\$447.60	\$408.11
211-4012	B400120ABACA07B	12	1.75	22.25	#8 SAE	37700	1"	54	\$592.00	\$470.65	\$429.11
211-4014	B400140ABACA07B	14	1.75	24.25	#8 SAE	37700	1"	57	\$625.00	\$493.68	\$450.12
211-4016	A400160ABACA07B	16	1.75	31.5	#8 SAE	37700	1"	64	\$631.00	\$518.36	\$472.64
211-4018	B400180ABACA07B	18	1.75	28.25	#8 SAE	37700	1"	64	\$654.00	\$538.11	\$490.63
211-4020	B400200ABACA07B	20	1.75	30.25	#8 SAE	37700	1"	68	\$693.00	\$561.48	\$511.63
211-4024	B400240ABACA07B	24	1.75	34.25	#8 SAE	33710	1"	75	\$739.00	\$594.88	\$542.40
211-4030	B400300ABACA07B	30	1.75	40.25	#8 SAE	22990	1"	85	\$805.00	\$662.35	\$603.91
211-4036	B400360ABACA07B	36	1.75	46.25	#8 SAE	16680	1"	95	\$890.00	\$732.29	\$667.68
211-4048	B400480ABACA07B	48	1.75	58.25	#8 SAE	9920	1"	116	\$1056.00	\$868.88	\$792.21
211-4000-SK	PMCK-B400000	PACKING KIT								\$123.23	

5" Bore (includes hardened pins)											
211-5008	B500080ACDDA07B	8	2	20.25	#10 SAE	58900	1 1/4"	72	\$721.00	\$593.24	\$540.89
211-5012	B500120ACDDA07B	12	2	24.25	#10 SAE	58900	1 1/4"	83	\$817.00	\$645.90	\$588.91
211-5016	A500160ACDDA07B	16	2	31.5	#10 SAE	58900	1 1/4"	96	\$856.00	\$704.32	\$642.17
211-5018	B500180ACDDA07B	18	2	30.25	#10 SAE	58900	1 1/4"	98	\$877.00	\$721.59	\$657.92
211-5020	B500200ACDDA07B	20	2	32.25	#10 SAE	58900	1 1/4"	103	\$958.00	\$748.75	\$682.68
211-5024	B500240ACDDA07B	24	2	36.25	#10 SAE	54510	1 1/4"	113	\$1017.00	\$782.49	\$713.44
211-5030	B500300ACDDA07B	30	2	42.25	#10 SAE	37620	1 1/4"	129	\$1091.00	\$863.94	\$787.71
211-5036	B500360ACDDA07B	36	2	48.25	#10 SAE	27520	1 1/4"	144	\$1184.00	\$950.33	\$866.48
211-5048	B500480ACDDA07B	48	2	60.25	#10 SAE	16550	1 1/4"	175	\$1462.00	\$1142.87	\$1042.03
211-5000-SK	PMCK-B500000	PACKING KIT								\$129.86	

Bore	A	E	G	J	K	L	M	N	O	H*	Outside Sq Dim
2	3/16	1 13/16	1 13/16	1.06	15/16	1 1/8	1 1/8-12	7/8	2 3/16	3 1/2	2.875"
2.5	3/16	1 7/8	1 13/16	1.06	15/16	1 1/8	1 1/8-12	1"	2 3/8	3 5/16	3.375"
3	3/16	1 7/8	1 13/16	1.06	1 1/16	1 1/8	1 1/8-12	1"	1 15/16	3 3/4	3.875"
3.5	3/16	1 3/4	1 7/8	1.06	1 1/4	1 1/4	1 5/16-12	1 1/4"	1 13/16	3 3/4	4.313"
4	3/16	1 3/4	1 7/8	1.06	1 1/4	1 1/4	1 1/2-12	1 1/4"	1 13/16	3 1/4	5.063"
5	1/4	1 3/4	2	1.13	1 3/8	1 1/4	1 1/2-12	1 7/16"	2 1/2	4	5.875"

"H" Measurement does not
apply to ASAE extended
length in 8" Stroke and 16"
Stroke.



3000 PSI RATED FEATURES

- Honed Tubing
- HD High-strength Tie Rods
- Induction hardened RoyalPlate Plus coated Piston Rods
- Standard color is Black
- 3000 PSI continuous pressure

Hydraulic
Cylinders

PRINCE Tie-Rod Cylinders

STANDARD
CHROME ROD
3000 PSI RatedPrince Master
Distributor3-Year
Warranty

3 year warranty on
standard products means you
can confidently utilize
equipment year after year.
RoyalPlate Plus rods are
warranted against rust and
corrosion for 7 years.

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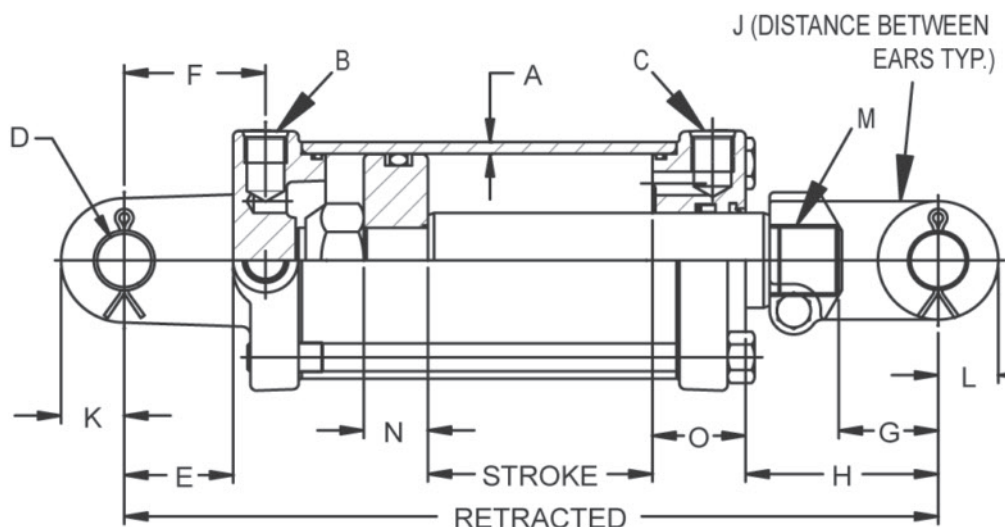
MADE IN AMERICA

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Column Load	Pin Dia.	WT	List	1-9	10+
2" Bore											
211-2004-F	F200040ABAAA07B	4	1.125	14.25	#8 SAE	9425	1"	17	\$293.00	\$219.75	\$202.17
211-2006-F	F200060ABAAA07B	6	1.125	16.25	#8 SAE	9425	1"	19	\$300.00	\$225.00	\$207.00
211-2008-E	E200080ABAAA07B	8	1.125	20.25	#8 SAE	9425	1"	21	\$316.00	\$237.00	\$218.04
211-2010-F	F200100ABAAA07B	10	1.125	20.25	#8 SAE	9425	1"	22	\$316.00	\$237.00	\$218.04
211-2012-F	F200120ABAAA07B	12	1.125	22.25	#8 SAE	9425	1"	23	\$320.00	\$240.00	\$220.80
211-2014-F	F200140ABAAA07B	14	1.125	24.25	#8 SAE	9425	1"	25	\$330.00	\$247.50	\$227.70
211-2016-E	E200160ABAAA07B	16	1.125	31.5	#8 SAE	7630	1"	28	\$343.00	\$257.25	\$236.67
211-2018-F	F200180ABAAA07B	18	1.125	28.25	#8 SAE	9200	1"	28	\$339.00	\$254.25	\$233.91
211-2020-F	F200200ABAAA07B	20	1.125	30.25	#8 SAE	7760	1"	30	\$365.00	\$273.75	\$251.85
211-2024-F	F200240ABAAA07B	24	1.125	34.25	#8 SAE	5730	1"	33	\$368.00	\$276.00	\$253.92
211-2030-F	F200300ABAAA07B	30	1.125	40.25	#8 SAE	3910	1"	37	\$400.00	\$300.00	\$276.00
211-2000-SK	PMCK-B200000	PACKING KIT								\$61.14	
2½" Bore											
211-2506-F	F250060ABAAA07B	6	1.25	16.25	#8 SAE	14730	1"	22	\$344.00	\$258.00	\$237.36
211-2508-E	E250080ABAAA07B	8	1.25	20.25	#8 SAE	14730	1"	25	\$353.00	\$264.75	\$243.57
211-2510-F	F250100ABAAA07B	10	1.25	20.25	#8 SAE	14730	1"	26	\$363.00	\$272.25	\$250.47
211-2512-F	F250120ABAAA07B	12	1.25	22.25	#8 SAE	14730	1"	28	\$371.00	\$278.25	\$255.99
211-2514-F	F250140ABAAA07B	14	1.25	24.25	#8 SAE	14730	1"	30	\$378.00	\$283.50	\$260.82
211-2516-E	E250160ABAAA07B	16	1.25	31.5	#8 SAE	11520	1"	34	\$394.00	\$295.50	\$271.86
211-2518-F	F250180ABAAA07B	18	1.25	28.25	#8 SAE	13880	1"	34	\$405.00	\$303.75	\$279.45
211-2520-F	F250200ABAAA07B	20	1.25	30.25	#8 SAE	11720	1"	36	\$413.00	\$309.75	\$284.97
211-2524-F	F250240ABAAA07B	24	1.25	34.25	#8 SAE	8760	1"	41	\$424.00	\$318.00	\$292.56
211-2530-F	F250300ABAAA07B	30	1.25	40.25	#8 SAE	5930	1"	47	\$453.00	\$339.75	\$312.57
211-2500-SK	PMCK-B250000	PACKING KIT								\$81.13	
3" Bore											
211-3006-F	F300060ABAAA07B	6	1.375	16.25	#8 SAE	21210	1"	26	\$376.00	\$282.00	\$259.44
211-3008-E	E300080ABAAA07B	8	1.375	20.25	#8 SAE	21210	1"	29	\$398.00	\$298.50	\$274.62
211-3010-F	F300100ABAAA07B	10	1.375	20.25	#8 SAE	21210	1"	30	\$413.00	\$309.75	\$284.97
211-3012-F	F300120ABAAA07B	12	1.375	22.25	#8 SAE	21210	1"	33	\$416.00	\$312.00	\$287.04
211-3014-F	F300140ABAAA07B	14	1.375	24.25	#8 SAE	21210	1"	35	\$419.00	\$314.25	\$289.11
211-3016-E	E300160ABAAA07B	16	1.375	31.5	#8 SAE	16730	1"	40	\$438.00	\$328.50	\$302.22
211-3018-F	F300180ABAAA07B	18	1.375	28.25	#8 SAE	20120	1"	40	\$439.00	\$329.25	\$302.91
211-3020-F	F300200ABAAA07B	20	1.375	30.25	#8 SAE	17010	1"	42	\$454.00	\$340.50	\$313.26
211-3024-F	F300240ABAAA07B	24	1.375	34.25	#8 SAE	12620	1"	47	\$485.00	\$363.75	\$334.65
211-3030-F	F300300ABAAA07B	30	1.375	40.25	#8 SAE	8640	1"	54	\$508.00	\$381.00	\$350.52
211-3036-F	F300360ABAAA07B	36	1.375	46.25	#8 SAE	6290	1"	61	\$567.00	\$425.25	\$391.23
211-3048-F	F300480ABAAA07B	48	1.375	58.25	#8 SAE	3760	1"	75	\$695.00	\$521.25	\$479.55
211-3000-SK	PMCK-B300000	PACKING KIT								\$91.54	
3½" Bore											
211-3508-E	E350080ABAAA07B	8	1.375	20.25	#8 SAE	28860	1"	35	\$451.00	\$338.25	\$311.19
211-3510-F	F350100ABAAA07B	10	1.375	20.25	#8 SAE	28860	1"	37	\$449.00	\$336.75	\$309.81
211-3512-F	F350120ABAAA07B	12	1.375	22.25	#8 SAE	28860	1"	39	\$463.00	\$347.25	\$319.47
211-3514-F	F350140ABAAA07B	14	1.375	24.25	#8 SAE	28860	1"	42	\$470.00	\$352.50	\$324.30
211-3516-E	E350160ABAAA07B	16	1.375	31.5	#8 SAE	16900	1"	46	\$494.00	\$370.50	\$340.86
211-3518-F	F350180ABAAA07B	18	1.375	28.25	#8 SAE	20400	1"	47	\$503.00	\$377.25	\$347.07
211-3520-F	F350200ABAAA07B	20	1.375	30.25	#8 SAE	17240	1"	49	\$533.00	\$399.75	\$367.77
211-3524-F	F350240ABAAA07B	24	1.375	34.25	#8 SAE	12780	1"	54	\$552.00	\$414.00	\$380.88
211-3530-F	F350300ABAAA07B	30	1.375	40.25	#8 SAE	8760	1"	62	\$573.00	\$429.75	\$395.37
211-3536-F	F350360ABAAA07B	36	1.375	46.25	#8 SAE	6370	1"	69	\$644.00	\$483.00	\$444.36
211-3548-F	F350480ABAAA07B	48	1.375	58.25	#8 SAE	3800	1"	85	\$790.00	\$592.50	\$545.10
211-3500-SK	PMCK-B350000	PACKING KIT								\$94.64	

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Column Load	Pin Dia.	WT	List	1-9	10+
4" Bore (includes hardened pins)											
211-4008-E	E400080ABACA07B	8	1.75	20.25	#8 SAE	37700	1"	48	\$561.00	\$420.75	\$387.09
211-4010-F	F400100ABACA07B	10	1.75	20.25	#8 SAE	37700	1"	50	\$575.00	\$431.25	\$396.75
211-4012-F	F400120ABACA07B	12	1.75	22.25	#8 SAE	37700	1"	54	\$586.00	\$439.50	\$404.34
211-4014-F	F400140ABACA07B	14	1.75	24.25	#8 SAE	37700	1"	57	\$597.00	\$447.75	\$411.93
211-4016-E	E400160ABACA07B	16	1.75	31.5	#8 SAE	37700	1"	64	\$626.00	\$469.50	\$431.94
211-4018-F	F400180ABACA07B	18	1.75	28.25	#8 SAE	37700	1"	64	\$617.00	\$462.75	\$425.73
211-4020-F	F400200ABACA07B	20	1.75	30.25	#8 SAE	37700	1"	68	\$645.00	\$483.75	\$445.05
211-4024-F	F400240ABACA07B	24	1.75	34.25	#8 SAE	33710	1"	75	\$677.00	\$507.75	\$467.13
211-4030-F	F400300ABACA07B	30	1.75	40.25	#8 SAE	22990	1"	85	\$720.00	\$540.00	\$496.80
211-4036-F	F400360ABACA07B	36	1.75	46.25	#8 SAE	16680	1"	95	\$790.00	\$592.50	\$545.10
211-4048-F	F400480ABACA07B	48	1.75	58.25	#8 SAE	9920	1"	116	\$936.00	\$702.00	\$645.84
211-4000-SK	PMCK-B400000	PACKING KIT								\$123.30	
5" Bore (includes hardened pins)											
211-5008-F	F500080ACDDA07B	8	2	20.25	#10 SAE	58900	1 1/4"	72	\$710.00	\$532.50	\$489.90
211-5012-F	F500120ACDDA07B	12	2	24.25	#10 SAE	58900	1 1/4"	83	\$761.00	\$570.75	\$525.09
211-5016-E	E500160ACDDA07B	16	2	31.5	#10 SAE	58900	1 1/4"	96	\$824.00	\$618.00	\$568.56
211-5018-F	F500180ACDDA07B	18	2	30.25	#10 SAE	58900	1 1/4"	98	\$844.00	\$633.00	\$582.36
211-5020-F	F500200ACDDA07B	20	2	32.25	#10 SAE	58900	1 1/4"	103	\$856.00	\$642.00	\$590.64
211-5024-F	F500240ACDDA07B	24	2	36.25	#10 SAE	54510	1 1/4"	113	\$908.00	\$681.00	\$626.52
211-5030-F	F500300ACDDA07B	30	2	42.25	#10 SAE	37620	1 1/4"	129	\$1020.00	\$765.00	\$703.80
211-5036-F	F500360ACDDA07B	36	2	48.25	#10 SAE	27520	1 1/4"	144	\$1049.00	\$786.75	\$723.81
211-5048-F	F500480ACDDA07B	48	2	60.25	#10 SAE	16550	1 1/4"	175	\$1237.00	\$927.75	\$853.53
211-5000-SK	PMCK-B500000	PACKING KIT								\$129.86	

Bore	A	E	G	J	K	L	M	N	O	H*	Outside Sq Dim
2	3/16	1 13/16	1 13/16	1.06	15/16	1 1/8	1 1/8-12	7/8	2 3/16	3 1/2	2.875"
2.5	3/16	1 7/8	1 13/16	1.06	15/16	1 1/8	1 1/8-12	1"	2 3/8	3 5/16	3.375"
3	3/16	1 7/8	1 13/16	1.06	1 1/16	1 1/8	1 1/8-12	1"	1 15/16	3 3/4	3.875"
3.5	3/16	1 3/4	1 7/8	1.06	1 1/4	1 1/4	1 5/16-12	1 1/4"	1 13/16	3 3/4	4.313"
4	3/16	1 3/4	1 7/8	1.06	1 1/4	1 1/4	1 1/2-12	1 1/4"	1 13/16	3 1/4	5.063"
4.5	1/4	2 1/4	2	1.13	1 15/16	1 1/4	1 1/2-12	1 7/16"	1 15/16	4	5.500"
5	1/4	1 3/4	2	1.13	1 3/8	1 1/4	1 1/2-12	1 7/16"	2 1/2	4	5.875"

"H" Measurement does not apply to ASAE extended length in 8" Stroke and 16" Stroke.



3000 PSI RATED FEATURES

- Honed Tubing
- HD High-strength Tie Rods
- Standard Chrome Rod
- Standard color is Black
- 3000 PSI continuous pressure

Hydraulic
Cylinders

PRINCE Tie-Rod Cylinders

MAJESTIC LINE Medium Duty
2500 PSI RatedDALTON WON'T
BE BEAT

We will beat or match
ANY competitor's price
on PRINCE. Don't be
fooled by other's
claims, we are your
MASTER distributor.

MAJESTIC LINE
FEATURES

- Honed Tubing
- Chromed, ground & polished piston rods operates at full pressure through 16" stroke
- Ductile Iron piston, butt, gland & clevis
- Standard color is Red
- 2500 PSI pressure

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	List	1-9	10+
2" Bore										
217-2004	SAE-8404	4	1	14.25	#8 SAE	1"	18	\$311.00	\$223.86	\$204.05
217-2006	SAE-8406	6	1	16.25	#8 SAE	1"	19	\$319.00	\$228.73	\$208.56
217-2008	SAE-8408	8	1	20.25	#8 SAE	1"	20	\$335.00	\$234.50	\$213.69
217-2010	SAE-8410	10	1	20.25	#8 SAE	1"	21	\$338.00	\$243.55	\$222.06
217-2000-SK	PMCK-8400			Packing Kit				\$48.00	\$41.00	
2 1/2" Bore										
217-2506	SAE-7006	6	1.125	16.25	#8 SAE	1"	22	\$340.00	\$249.30	\$227.32
217-2500-SK				Packing Kit				\$46.00	\$38.52	
3" Bore										
217-3006	SAE-7106	6	1.125	16.25	#8 SAE	1"	24	\$352.00	\$274.81	\$250.57
217-3008	SAE-7108	8	1.125	20.25	#8 SAE	1"	26	\$370.00	\$287.16	\$238.02
217-3000-SK	PMCK-7100			Packing Kit				\$44.00	\$37.67	

Rephasing Cylinders

3000 PSI Rated
Double Acting
High tensile steel Tie-Rods
"DU" Bushing
ORB to Pipe Adapters Included
Standard Color is Black



DBH Part #	Bore	Stroke (in)	Rod Dia.	Retract Length	Port Size	Pin Dia.	WT	Each
219-3208	3.25	8	1 1/4	20.25	#8 SAE	1"	32	\$374.00
219-3212	3.25	12	1 1/4	24.25	#8 SAE	1"	32	\$391.20
219-3508	3.5	8	1 1/4	20.25	#8 SAE	1"	36	\$374.00
219-3512	3.5	12	1 1/4	24.25	#8 SAE	1"	32	\$399.43
219-3712	3.75	12	1 3/8	24.25	#8 SAE	1"	32	\$451.04
219-4008	4	8	1 3/8	20.25	#8 SAE	1"	44	\$408.41
219-4012	4	12	1 3/8	24.25	#8 SAE	1"	32	\$430.10
219-4508	4.5	8	2	20.25	#8 SAE	1"	32	\$510.14

PRINCE Welded Cylinders

GLADIATOR LINE Welded Tube Cylinder
Heavy Duty - 3000 PSI Rated



GLADIATOR LINE FEATURES

- Skived Tubing
- HD Welded Construction
- Externally Threaded Gland Cap
- Chromed, Ground & Polished Piston Rod
- Ductile Iron piston
- Crosstube End Fittings w/ Grease Zerk
- Standard color is Black

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	List	1-9	10+
5" Bore										
215-5008-S	SAE-21008	8	2.5	19	#12 SAE	1 1/2"	75	\$951.00	\$832.60	\$762.25
215-5012-S	SAE-21012	12	2.5	23	#12 SAE	1 1/2"	85	\$1,032.00	\$902.96	\$826.66
215-5016-S	SAE-21016	16	2.5	27	#12 SAE	1 1/2"	90	\$1,129.00	\$988.66	\$905.10
215-5020-S	SAE-21020	20	2.5	31	#12 SAE	1 1/2"	105	\$1,208.00	\$1057.21	\$967.87
215-5024-S	SAE-21024	24	2.5	35	#12 SAE	1 1/2"	115	\$1,295.00	\$1133.89	\$1038.07
215-5030-S	SAE-21030	30	2.5	41	#12 SAE	1 1/2"	130	\$1,418.00	\$1241.23	\$1136.33
215-5036-S	SAE-21036	36	2.5	47	#12 SAE	1 1/2"	145	\$1,515.00	\$1326.02	\$1213.96
215-5048-S	SAE-21048	48	2.5	61	#12 SAE	1 1/2"	180	\$1,878.00	\$1645.55	\$1505.48
215-5060-S	SAE-21060	60	2.5	75	#12 SAE	1 1/2"	215	\$2,132.00	\$1866.35	\$1708.64
215-5000-SK		PMCK-21000							\$120.52	
6" Bore										
215-6008-S	SAE-22008	8	3	19	#12 SAE	1 1/2"	100	\$1,244.00	\$1088.78	\$996.78
215-6012-S	SAE-22012	12	3	23	#12 SAE	1 1/2"	110	\$1,358.00	\$1188.91	\$1088.44
215-6016-S	SAE-22016	16	3	27	#12 SAE	1 1/2"	125	\$1,403.00	\$1228.60	\$1124.77
215-6024-S	SAE-22024	24	3	35	#12 SAE	1 1/2"	150	\$1,626.00	\$1423.44	\$1303.16
215-6030-S	SAE-22030	30	3	41	#12 SAE	1 1/2"	170	\$1,800.00	\$1575.89	\$1442.73
215-6036-S	SAE-22036	36	3	47	#12 SAE	1 1/2"	190	\$1,973.00	\$1727.44	\$1581.46
215-6048-S	SAE-22048	48	3	61	#12 SAE	1 1/2"	240	\$2,532.00	\$2217.26	\$2029.87
215-6000-SK		PMCK-22000							\$126.98	

Rod & Tubing

Hydraulic Pumps

Hydraulic Motors

Hydraulic Valves

Power Units

Hoses, Fittings & Accessories

Bearings

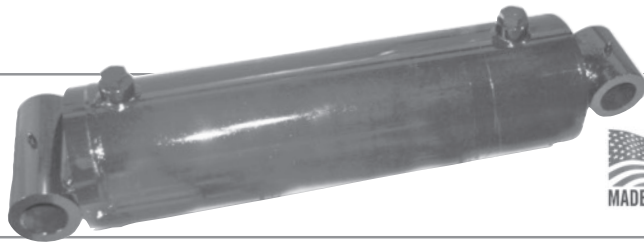
Power Transmission

Miscellaneous

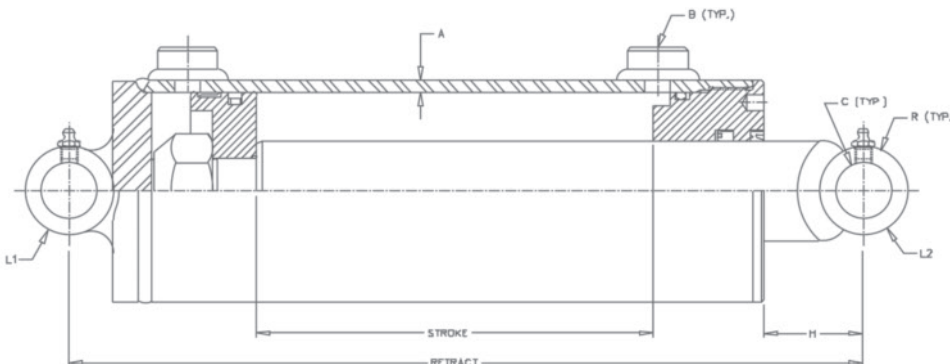
PRINCE Welded Cylinders

Large Bore Welded Tube Cylinder
Standard Duty - 3000 PSI Rated

8" BORE



DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	H	L1	L2	WT	List	Each
8" Bore												
216-8012	SAE-68012	12	4	28	#16 SAE	2 1/2"	3	9	5	275	\$3335.00	\$2604.64
216-8016	SAE-68016	16	4	32	#16 SAE	2 1/2"	3	9	5	300	\$3543.00	\$2767.08
216-8020	SAE-68020	20	4	36	#16 SAE	2 1/2"	3	9	5	325	\$3806.00	\$2972.49
216-8036	SAE-68036	36	4	52	#16 SAE	2 1/2"	3	9	5	425	\$4304.00	\$3361.42



CYLINDER FEATURES

- Skived Tubing
- Welded Construction
- Chromed, Ground & Polished Piston Rod
- Ductile Iron piston & thread in gland
- Crosstube End Fittings w/ Grease Zerk
- Teflon cap seal & Wear Ring on Piston

Hydraulic
Cylinders

Welded Cylinders




MAGNUM Welded Clevis
Universal Mountings - Heavy Duty -
3000 PSI Rated

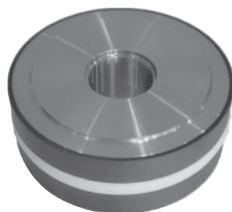
DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	Thread	List	1-9	10+
2" Bore										
216-2008	PC2008CL-A	8	1.125	20.25	8 SAE	1"	1 1/8-12	\$388.00	\$291.00	\$267.72
216-2010	PC2010CL	10	1.125	20.25	8 SAE	1"	1 1/8-12	\$391.00	\$293.25	\$269.79
206-2012	PC2012CL	12	1.125	20.25	8 SAE	1"	1 1/8-12	\$395.00	\$296.25	\$272.55
206-2016	PC2016CL-A	16	1.125	31.5	8 SAE	1"	1 1/8-12	\$410.00	\$307.50	\$282.90
216-2020	PC2020CL	20	1.125	30.25	8 SAE	1"	1 1/8-12	\$414.00	\$310.50	\$285.66
216-2024	PC2024CL	24	1.125	34.25	8 SAE	1"	1 1/8-12	\$423.00	\$317.25	\$291.87
216-2000-SK	PMCK-PC20NNXX			Packing Kit				\$87.00	\$81.35	

2 1/2" Bore										
216-2508	PC2508CL-A	8	1.25	20.25	8 SAE	1"	1 1/8-12	\$431.00	\$323.25	\$297.39
216-2510	PC2510CL	10	1.25	20.25	8 SAE	1"	1 1/8-12	\$433.00	\$324.75	\$298.77
216-2512	PC2512CL	12	1.25	22.25	8 SAE	1"	1 1/8-12	\$439.00	\$329.25	\$302.91
216-2516	PC2516CL-A	16	1.25	31.5	8 SAE	1"	1 1/8-12	\$457.00	\$342.75	\$315.33
216-2520	PC2520CL	20	1.25	30.25	8 SAE	1"	1 1/8-12	\$460.00	\$345.00	\$317.40
216-2524	PC2524CL	24	1.25	34.25	8 SAE	1"	1 1/8-12	\$471.00	\$353.25	\$324.99
216-2500-SK	PMCK-PC25NNXX			Packing Kit				\$121.00	\$113.14	

3" Bore										
216-3008	PC3008CL-A	8	1.375	20.25	8 SAE	1"	1 1/8-12	\$478.00	\$358.50	\$329.82
216-3010	PC3010CL	10	1.375	20.25	8 SAE	1"	1 1/8-12	\$480.00	\$360.00	\$331.20
216-3012	PC3012CL	12	1.375	22.25	8 SAE	1"	1 1/8-12	\$486.00	\$364.50	\$335.34
216-3020	PC3020CL	20	1.375	30.25	8 SAE	1"	1 1/8-12	\$512.00	\$384.00	\$353.28
216-3024	PC3024CL	24	1.375	34.25	8 SAE	1"	1 1/8-12	\$525.00	\$393.75	\$362.25
216-3000-SK	PMCK-PC25NNXX			Packing Kit				\$152.00	\$142.12	

3 1/2" Bore										
216-3508	PC3508CL-A	8	1.375	20.25	8 SAE	1"	1 5/16-12	\$506.00	\$379.50	\$349.14
216-3510	PC3510CL	10	1.375	20.25	8 SAE	1"	1 5/16-12	\$509.00	\$381.75	\$351.21
216-3512	PC3512CL	12	1.375	22.25	8 SAE	1"	1 5/16-12	\$516.00	\$387.00	\$356.04
216-3524	PC3524CL	24	1.375	34.25	8 SAE	1"	1 5/16-12	\$561.00	\$420.75	\$387.09
216-3500-SK	PMCK-PC35NNXX			Packing Kit				\$184.00	\$172.04	

4" Bore										
216-4008	PC4008CL-A	8	1.75	20.25	10 SAE	1"	1 1/2-12	\$642.00	\$481.50	\$442.98
216-4010	PC4010CL	10	1.75	20.25	10 SAE	1"	1 1/2-12	\$644.00	\$483.00	\$444.36
216-4012	PC4012CL	12	1.75	22.25	10 SAE	1"	1 1/2-12	\$654.00	\$490.50	\$451.26
216-4020	PC4020CL	20	1.75	30.25	10 SAE	1"	1 1/2-12	\$696.00	\$522.00	\$480.24
216-4024	PC4024CL	24	1.75	34.25	10 SAE	1"	1 1/2-12	\$716.00	\$537.00	\$494.04
216-4030	PC4030CL	30	1.75	40.25	10 SAE	1"	1 1/2-12	\$748.00	\$561.00	\$516.12
216-4000-SK	PMCK-PC40NNXX			Packing Kit				\$236.00	\$220.66	



UNITIZED PISTON FOR BETTER SEALING

Allows for tighter tolerances

A polyurethane outer layer is molded over the piston and bonded to it. The polyurethane provides a smooth wear surface as well as two sealing lips for double acting capability. An o-ring groove is machined into the piston bore for the static seal.

**3-Year
Warranty**

3 year warranty on
standard products means
you can confidently utilize
equipment year after year.

MADE IN AMERICA

**MAGNUM LINE
FEATURES**

- Honed Tubing
- Welded Construction
- Chromed, Ground & Polished Piston Rod
- Ductile Iron Piston & Gland
- SAE Ports
- Standard Color is Black
- Unitized Piston

Welded Cylinders

MAGNUM Welded Tube
Universal Mountings - Heavy Duty
3000 PSI Rated



Prince



DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	Base Tube	Rod Tube	List	Each
2" Bore										
215-2008	PC2008XT	8	1.125	16	8 SAE	1"	2.375	1.5	\$347.00	\$260.25
215-2010	PC2010XT	10	1.125	18	8 SAE	1"	2.375	1.5	\$352.00	\$264.00
215-2012	PC2012XT	12	1.125	20	8 SAE	1"	2.375	1.5	\$356.00	\$267.00
215-2016	PC2016XT	16	1.125	24	8 SAE	1"	2.375	1.5	\$365.00	\$273.75
215-2020	PC2020XT	20	1.125	28	8 SAE	1"	2.375	1.5	\$375.00	\$281.25
215-2024	PC2024XT	24	1.125	32	8 SAE	1"	2.375	1.5	\$384.00	\$288.00
215-2000-SK	PMCK-PC20NNNXX	Packing Kit							\$87.00	\$81.35
2½" Bore										
215-2508	PC2508XL	8	1.25	16	8 SAE	1"	3	2.25	\$406.00	\$304.50
215-2518	PC2518XL	18	1.25	26	8 SAE	1"	3	2.25	\$433.00	\$324.75
215-2520	PC2520XL	20	1.25	28	8 SAE	1"	3	2.25	\$439.00	\$329.25
215-2524	PC2524XL	24	1.25	32	8 SAE	1"	3	2.25	\$450.00	\$337.50
215-2500-SK	PMCK-PC25NNNXX	Packing Kit							\$121.00	\$113.14
3" Bore										
215-3008	PC3008XL	8	1.5	16	8 SAE	1"	3.5	2.25	\$450.00	\$337.50
215-3012	PC3012XL	12	1.5	20	8 SAE	1"	3.5	2.25	\$463.00	\$347.25
215-3016	PC3016XL	16	1.5	24	8 SAE	1"	3.5	2.25	\$476.00	\$357.00
215-3018	PC3018XL	18	1.5	26	8 SAE	1"	3.5	2.25	\$482.00	\$361.50
215-3020	PC3020XL	20	1.5	28	8 SAE	1"	3.5	2.25	\$489.00	\$366.75
215-3024	PC3024XL	24	1.5	32	8 SAE	1"	3.5	2.25	\$502.00	\$376.50
215-3000-SK	PMCK-PC30NNNXX	Packing Kit							\$152.00	\$142.12
3.5" Bore										
215-3512	PC3512XM	12	1.75	20	10 SAE	1"	4	2.25	\$490.00	\$367.50
215-3520	PC3520XM	20	1.75	28	10 SAE	1"	4	2.25	\$519.00	\$389.25
215-3524	PC3524XM	24	1.75	32	10 SAE	1"	4	2.25	\$534.00	\$400.50
215-3536	PC3536XM	36	1.75	44	10 SAE	1"	4	2.25	\$578.00	\$433.50
215-3500-SK	PMCK-PC35NNNXX	Packing Kit							\$184.00	\$172.04
4" Bore										
215-4008	PC4008XM	8	1.75	17	10 SAE	1 ¼"	4.5	2.5	\$630.00	\$472.50
215-4012	PC4012XM	12	1.75	21	10 SAE	1 ¼"	4.5	2.5	\$650.00	\$487.50
215-4016	PC4016XM	16	1.75	25	10 SAE	1 ¼"	4.5	2.5	\$671.00	\$503.25
215-4020	PC4020XM	20	1.75	29	10 SAE	1 ¼"	4.5	2.5	\$692.00	\$519.00
215-4024	PC4024XM	24	1.75	33	10 SAE	1 ¼"	4.5	2.5	\$713.00	\$534.75
215-4030	PC4030XM	30	1.75	39	10 SAE	1 ¼"	4.5	2.5	\$744.00	\$558.00
215-4032	PC4032XM	32	1.75	41	10 SAE	1 ¼"	4.5	2.5	\$754.00	\$565.50
215-4036	PC4036XM	36	1.75	45	10 SAE	1 ¼"	4.5	2.5	\$775.00	\$581.25
215-4048	PC4048XM	48	1.75	59	10 SAE	1 ¼"	4.5	2.5	\$838.00	\$638.50
215-4060	PC4060XM	60	1.75	73	10 SAE	1 ¼"	4.5	2.5	\$900.00	\$675.00
215-4000-SK	PMCK-PC40NNNXX	Packing Kit							\$236.00	\$200.60
5" Bore										
215-5008-M	PC5008XT	8	2.5	19	12 SAE	1½	5.75	4	\$990.00	\$742.50
215-5012-M	PC5012XT	12	2.5	23	12 SAE	1½	5.75	4	\$1038.00	\$778.50
215-5016-M	PC5016XT	16	2.5	27	12 SAE	1½	5.75	4	\$1086.00	\$814.50
215-5020-M	PC5020XT	20	2.5	31	12 SAE	1½	5.75	4	\$1134.00	\$850.50
215-5024-M	PC5024XT	24	2.5	35	12 SAE	1½	5.75	4	\$1183.00	\$887.25
215-5030-M	PC5030XT	30	2.5	41	12 SAE	1½	5.75	4	\$1255.00	\$941.25
215-5036-M	PC5036XT	36	2.5	47	12 SAE	1½	5.75	4	\$1328.00	\$996.00
215-5048-M	PC5048XT	48	2.5	59	12 SAE	1½	5.75	4	\$1472.00	\$1104.00
215-5060-M	PC5060XT	60	2.5	71	12 SAE	1½	5.75	4	\$1617.00	\$1212.75
215-5000-MSK	PMCK-PC50NNNXX	Packing Kit							\$315.00	\$235.62
6" Bore										
215-6008-M	PC6008XT	8	3	19	12 SAE	1½	6.75	4	\$1459.00	\$1094.25
215-6012-M	PC6012XT	12	3	23	12 SAE	1½	6.75	4	\$1525.00	\$1143.75
215-6016-M	PC6016XT	16	3	27	12 SAE	1½	6.75	4	\$1592.00	\$1194.00
215-6024-M	PC6020XT	24	3	35	12 SAE	1½	6.75	4	\$1726.00	\$1294.50
215-6030-M	PC6024XT	30	3	41	12 SAE	1½	6.75	4	\$1826.00	\$1369.50
215-6036-M	PC6030XT	36	3	59	12 SAE	1½	6.75	4	\$1926.00	\$1444.50

**3-Year
Warranty**

3 year warranty on standard products means you can confidently utilize equipment year after year.



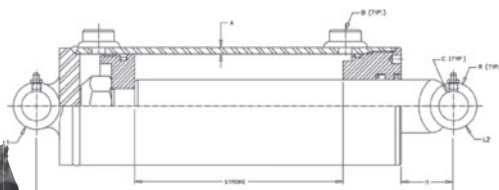
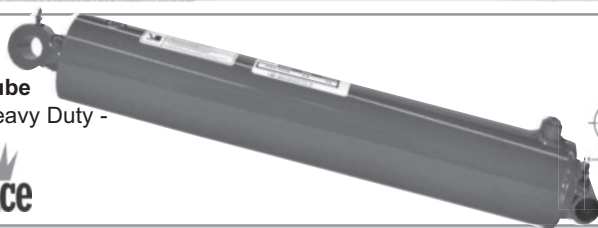
ROYAL LINE FEATURES

- Honed Tubing
- Welded Construction
- Chromed, Ground & Polished Piston Rod
- Ductile Iron Piston & Gland
- Optional End Fittings Available
- 37° JIC Male Ports
- Standard Color is Black

Hydraulic
Cylinders

Welded Cylinders

ROYAL LINE Welded Tube
Universal Mountings - Heavy Duty -
2500 PSI Rated



DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	List	1-9	10+
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2 1/2" Bore

218-2508	PMC-5408	8	1.375	16	3/8 NPTF	3/4"	17	\$414.00	\$310.50	\$285.66
218-2512	PMC-5412	12	1.375	20	3/8 NPTF	3/4"	20	\$423.00	\$317.25	\$291.87
218-2516	PMC-5416	16	1.375	24	3/8 NPTF	3/4"	23	\$439.00	\$329.25	\$302.91
218-2520	PMC-5420	20	1.375	28	3/8 NPTF	3/4"	27	\$449.00	\$336.75	\$309.81
218-2524	PMC-5424	24	1.375	32	3/8 NPTF	3/4"	30	\$467.00	\$350.25	\$322.23
218-2530	PMC-5430	30	1.375	38	3/8 NPTF	3/4"	35	\$507.00	\$380.25	\$349.83
218-2532	PMC-5432	32	1.375	40	3/8 NPTF	3/4"	41	\$512.00	\$384.00	\$353.28
218-2536	PMC-5436	36	1.375	44	3/8 NPTF	3/4"	44	\$537.00	\$402.75	\$370.53
218-2542	PMC-5442	42	1.375	50	3/8 NPTF	3/4"	47	\$578.00	\$433.50	\$398.82
218-2500-SK	PMCK-5400							\$68.00	\$63.58	

**3-Year
Warranty**

3 year warranty on
standard products means
you can confidently utilize
equipment year after year.

3" Bore

218-3008	PMC-8308	8	1.5	16	1/2 NPTF	1"	22	\$460.00	\$345.00	\$317.40
218-3012	PMC-8312	12	1.5	20	1/2 NPTF	1"	26	\$480.00	\$360.00	\$331.20
218-3016	PMC-8316	16	1.5	24	1/2 NPTF	1"	31	\$489.00	\$366.75	\$337.41
218-3020	PMC-8320	20	1.5	28	1/2 NPTF	1"	35	\$511.00	\$383.25	\$352.59
218-3024	PMC-8324	24	1.5	32	1/2 NPTF	1"	41	\$522.00	\$391.50	\$360.18
218-3030	PMC-8330	30	1.5	38	1/2 NPTF	1"	46	\$560.00	\$420.00	\$386.40
218-3036	PMC-8336	36	1.5	44	1/2 NPTF	1"	52	\$610.00	\$457.50	\$420.90
218-3042	PMC-8342	42	1.5	50	1/2 NPTF	1"	59	\$633.00	\$474.75	\$436.77
218-3048	PMC-8348	48	1.5	56	1/2 NPTF	1"	65	\$705.00	\$528.75	\$486.45
218-3000-SK	PMCK-8300							\$120.00	\$112.20	

3 1/2" Bore

218-3508	PMC-5508	8	1.5	16	1/2 NPTF	1"	26	\$497.00	\$372.75	\$342.93
218-3512	PMC-5512	12	1.5	20	1/2 NPTF	1"	29	\$520.00	\$390.00	\$358.80
218-3516	PMC-5516	16	1.5	24	1/2 NPTF	1"	34	\$549.00	\$411.75	\$378.81
218-3520	PMC-5520	20	1.5	28	1/2 NPTF	1"	38	\$574.00	\$430.50	\$396.06
218-3524	PMC-5524	24	1.5	32	1/2 NPTF	1"	44	\$588.00	\$441.00	\$405.72
218-3530	PMC-5530	30	1.5	38	1/2 NPTF	1"	48	\$637.00	\$477.75	\$439.53
218-3536	PMC-5536	36	1.5	44	1/2 NPTF	1"	56	\$686.00	\$514.50	\$473.34
218-3500-SK	PMCK-5500							\$97.00	\$90.70	

4" Bore

218-4008	PMC-5608	8	2	17	1/2 NPTF	1 1/4"	35	\$658.00	\$493.50	\$454.02
218-4012	PMC-5612	12	2	21	1/2 NPTF	1 1/4"	41	\$683.00	\$512.25	\$471.27
218-4016	PMC-5616	16	2	25	1/2 NPTF	1 1/4"	48	\$711.00	\$533.25	\$490.59
218-4020	PMC-5620	20	2	29	1/2 NPTF	1 1/4"	56	\$736.00	\$552.00	\$507.84
218-4024	PMC-5624	24	2	33	1/2 NPTF	1 1/4"	62	\$780.00	\$585.00	\$538.20
218-4030	PMC-5630	30	2	39	1/2 NPTF	1 1/4"	72	\$795.00	\$596.25	\$548.55
218-4032	PMC-5632	32	2	41	1/2 NPTF	1 1/4"	74	\$819.00	\$614.25	\$565.11
218-4036	PMC-5636	36	2	45	1/2 NPTF	1 1/4"	80	\$874.00	\$655.50	\$603.06
218-4040	PMC-5640	40	2	49	1/2 NPTF	1 1/4"	85	\$904.00	\$678.00	\$623.76
218-4042	PMC-5642	42	2	51	1/2 NPTF	1 1/4"	92	\$919.00	\$689.25	\$634.11
218-4048	PMC-5648	48	2	57	1/2 NPTF	1 1/4"	100	\$1019.00	\$764.25	\$703.11
218-4060	PMC-5660	60	2	69	1/2 NPTF	1 1/4"	120	\$1125.00	\$843.75	\$776.25
218-4000-SK	PMCK-5600							\$91.00	\$77.35	

ROYAL LINE
FEATURES

- Skived Tubing
- Welded Construction
- Chromed, Ground & Polished Piston Rod
- Ductile Iron Piston & Gland
- Optional End Fittings Available
- NPT Ports
- Standard Color is Black

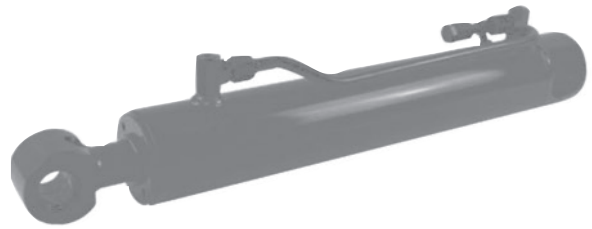
DALTON WON'T
BE BEAT

We will beat or match
ANY competitor's price
on PRINCE. Don't be
fooled by other's
claims, we are your
MASTER distributor.

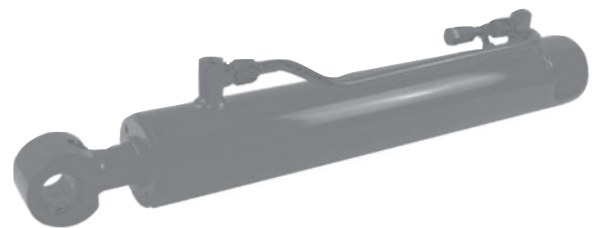
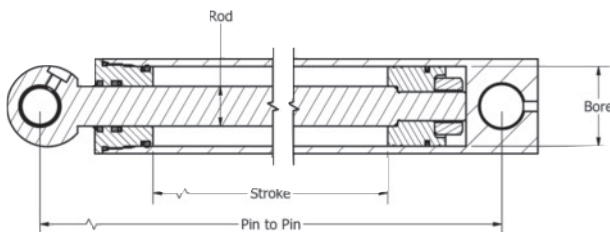
Bobcat Replacement Cylinders

- MADE IN USA
- HIGH PERFORMANCE SEALS RATED FOR 250° AND UP TO 7250 PSI
- CAST IRON STEEL GLAND
- HARDENED CHROME ROD

NEW
CATALOG
ITEM



DBH Part #	Bore	Application	Model Number	Rod Dia.	Retract Length	Fits Models	Each
DBC-717-5388	1.75	Attachment Cylinder	Bobcat # 7175388	1	26.375	S100, S130, S150, S160, S175, S185, S205, 220, S250, S300, S330, T110, T140, T180, T190, T200, T250, T300, T320, 773	\$674.47
DBC-711-7667	2.5	Lift Cylinder	Bobcat #7117667	1.5	33.375	773, S175, S185, S205, T190	\$1,167.62
DBC-711-7174	2.75	Tilt Cylinder	Bobcat #7117174	1.375	21.25	773, S150, S160, S175, S185, S205, T180, T190	\$977.62
DBC-719-1555	3	Boom Cylinder	Bobcat #7191555	1.75	26.375	E32, E32i, E35 & E35i	\$1,243.04
DBC-720-8419	3	Tilt Cylinder	Bobcat #7208419	1.5	24	S220, S250, S300, S330, T250, T300, T320	\$969.41
DBC-710-6456	3	Lift Cylinder	Bobcat #7106456	1.625	38.375	S250, S300, T300, A300	\$1,279.31
DBC-723-5736	3	Tilt (Right) Cylinder	Bobcat #7235736	1.5	23.5	S630, S650, S750, S770, T630, T650, T750, T770	\$1,095.11
DBC-723-5738	3	Tilt (Left) Cylinder	Bobcat #7235738	1.5	23.5	S630, S650, S750, S770, T630, T650, T750, T770	\$1,095.11
DBC-681-7310	3	Lift Cylinder	Bobcat #6817310	1.5	38.375	S250, S300, T300, A300	\$1,279.31
DBC-1375-SK	Seal Kit for Bobcat Cylinders with 1.375" Rod				\$59.50		
DBC-1500-SK	Seal Kit for Bobcat Cylinders with 1.5" Rod				\$64.56		



FEATURES:

- Hard chrome plated rod.
- Cast iron piston.
- Ductile iron gland with buttress threads.
- SAE and JIC flared ports.
- Grease ports on both pin eyes.
- Standard color is charcoal gray

Hydraulic
Cylinders

CROSS Welded Clevis Cylinders

3000 PSI Rated
Double Acting
Heavy Duty Hydraulic Cylinder
Standard Color is Black
Ports In Line w/ Pins



DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	EACH
2" Bore								
202-2008	029357	8	1.25	19.50	3/8 NPTF	1"	18	\$306.96
202-2010	029358	10	1.25	21.50	3/8 NPTF	1"	20	\$311.19
202-2012	029359	12	1.25	23.50	3/8 NPTF	1"	21	\$317.30
202-2016	029360	16	1.25	27.50	3/8 NPTF	1"	24	\$331.82
202-2020	029361	20	1.25	31.50	3/8 NPTF	1"	27	\$345.92
202-2024	029362	24	1.25	35.50	3/8 NPTF	1"	30	\$361.44
202-2000-SK				PACKING KIT				\$25.89
2 1/2" Bore								
202-2508	028968	8	1.25	19.50	1/2 NPTF	1"	20	\$329.96
202-2510	028809	10	1.25	21.50	1/2 NPTF	1"	22	\$335.63
202-2512	028896	12	1.25	23.50	1/2 NPTF	1"	23	\$343.29
202-2516	028969	16	1.25	27.50	1/2 NPTF	1"	26	\$368.18
202-2520	028347	20	1.25	31.50	1/2 NPTF	1"	29	\$386.37
202-2524	028595	24	1.25	35.50	1/2 NPTF	1"	32	\$409.82
202-2500-SK				PACKING KIT				\$36.23
3" Bore								
202-3008	028970	8	1.50	19.25	1/2 NPTF	1"	23	\$374.01
202-3010	028538	10	1.50	21.25	1/2 NPTF	1"	25	\$386.81
202-3012	028971	12	1.50	23.25	1/2 NPTF	1"	27	\$399.60
202-3016	028972	16	1.50	27.25	1/2 NPTF	1"	31	\$423.59
202-3020	029082	20	1.50	31.25	1/2 NPTF	1"	35	\$450.57
202-3024	028359	24	1.50	35.25	1/2 NPTF	1"	39	\$476.03
202-3030	027855	30	1.50	41.25	1/2 NPTF	1"	45	\$514.31
202-3036	028088	36	1.50	47.25	1/2 NPTF	1"	51	\$552.18
202-3000-SK				PACKING KIT				\$31.02
3 1/2" Bore								
202-3508	028095	8	1.75	19.25	1/2 NPTF	1"	27	\$414.68
202-3510	029061	10	1.75	21.25	1/2 NPTF	1"	29	\$433.44
202-3512	028065	12	1.75	23.25	1/2 NPTF	1"	31	\$443.02
202-3516	029062	16	1.75	27.25	1/2 NPTF	1"	35	\$471.24
202-3520	028400	20	1.75	31.25	1/2 NPTF	1"	40	\$499.65
202-3524	029063	24	1.75	35.25	1/2 NPTF	1"	44	\$527.87
202-3530	028064	30	1.75	41.25	1/2 NPTF	1"	51	\$570.26
202-3536	029064	36	1.75	47.25	1/2 NPTF	1"	58	\$612.49
202-3500-SK				PACKING KIT				\$35.38
4" Bore								
202-4008	029083	8	2.00	20.00	1/2 NPTF	1"	39	\$553.08
202-4010	027786	10	2.00	22.00	1/2 NPTF	1"	43	\$576.12
202-4012	028609	12	2.00	24.00	1/2 NPTF	1"	46	\$602.71
202-4016	029084	16	2.00	28.00	1/2 NPTF	1"	54	\$645.27
202-4018	029085	18	2.00	30.00	1/2 NPTF	1"	59	\$668.26
202-4020	028446	20	2.00	32.00	1/2 NPTF	1"	61	\$691.31
202-4024	028083	24	2.00	36.00	1/2 NPTF	1"	69	\$737.44
202-4030	029081	30	2.00	42.00	1/2 NPTF	1"	79	\$806.45
202-4036	028318	36	2.00	48.00	1/2 NPTF	1"	89	\$875.62
202-4048	029086	48	2.00	60.00	1/2 NPTF	1"	109	\$1013.67
202-4000-SK				PACKING KIT				\$51.03
5" Bore								
202-5008	029785	8	2	20.00	3/4 NPTF	1 1/4"	68	\$781.82
202-5010	029786	10	2	22.00	3/4 NPTF	1 1/4"	70	\$810.26
202-5012	028539	12	2	24.00	3/4 NPTF	1 1/4"	74	\$838.74
202-5016	029668	16	2	28.00	3/4 NPTF	1 1/4"	83	\$896.73
202-5020	029122	20	2	32.00	3/4 NPTF	1 1/4"	93	\$952.64
202-5000-SK				PACKING KIT				\$58.55





CROSS Tie-Rod Cylinders

**3000 PSI Rated
Double Acting
Heavy Duty Hydraulic Cylinder
Standard Color is Black**

DBH Part #	MFG Part#	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Dia.	WT	EACH
2" Bore								
201-2008-A	029432	8	1.062	20.25	#6 SAE	1"	21	\$151.37
201-2010	029433	10	1.062	20.25	#6 SAE	1"	22	\$154.39
201-2012	029434	12	1.062	22.25	#6 SAE	1"	23	\$158.65
201-2014	029435	14	1.062	24.25	#6 SAE	1"	25	\$156.18
201-2016	029436	16	1.125	26.25	#6 SAE	1"	28	\$169.69
201-2018	029437	18	1.125	28.25	#6 SAE	1"	28	\$174.25
201-2020	029438	20	1.125	30.25	#6 SAE	1"	30	\$178.72
201-2024	029439	24	1.125	34.25	#6 SAE	1"	33	\$190.22
201-2030	029440	30	1.125	40.25	#6 SAE	1"	37	\$198.70
201-2000-SK		PACKING KIT						\$25.89
2½" Bore								
201-2508-A	029941	8	1.25	20.25	#6 SAE	1"	25	\$161.51
201-2510	029942	10	1.25	20.25	#6 SAE	1"	26	\$164.84
201-2512	029943	12	1.25	22.25	#6 SAE	1"	28	\$167.80
201-2514	029944	14	1.25	24.25	#6 SAE	1"	30	\$175.21
201-2516	029945	16	1.25	26.25	#6 SAE	1"	34	\$181.20
201-2518	029946	18	1.25	28.25	#6 SAE	1"	34	\$186.47
201-2520	029947	20	1.25	30.25	#6 SAE	1"	36	\$191.59
201-2524	029948	24	1.25	34.25	#6 SAE	1"	41	\$204.66
201-2530	029949	30	1.25	40.25	#6 SAE	1"	47	\$220.95
201-2500-SK		PACKING KIT						\$36.23
3" Bore								
201-3008-A	029950	8	1.25	20.25	#8 SAE	1"	29	\$194.48
201-3010	029951	10	1.25	20.25	#8 SAE	1"	30	\$201.75
201-3012	029952	12	1.25	22.25	#8 SAE	1"	33	\$205.60
201-3014	029953	14	1.50	24.25	#8 SAE	1"	35	\$214.53
201-3016-A	029954	16	1.50	31.5	#8 SAE	1.25"	40	\$232.11
201-3018	029955	18	1.50	28.25	#8 SAE	1"	40	\$226.90
201-3020	029956	20	1.50	30.25	#8 SAE	1"	42	\$232.66
201-3024	029957	24	1.50	34.25	#8 SAE	1"	47	\$247.62
201-3030	029958	30	1.50	40.25	#8 SAE	1"	54	\$266.82
201-3036	029959	36	1.50	46.25	#8 SAE	1"	61	\$286.51
201-3000-SK		PACKING KIT						\$31.02
3½" Bore								
201-3508-A	029460	8	1.25	20.25	#8 SAE	1"	35	\$217.93
201-3510	029461	10	1.25	20.25	#8 SAE	1"	37	\$223.07
201-3512	029462	12	1.50	22.25	#8 SAE	1"	39	\$236.55
201-3514	029463	14	1.50	24.25	#8 SAE	1"	42	\$243.69
201-3516-A	029464	16	1.50	31.5	#8 SAE	1.25"	46	\$263.35
201-3518	029465	18	1.50	28.25	#8 SAE	1"	47	\$257.80
201-3520	029466	20	1.75	30.25	#8 SAE	1"	49	\$280.10
201-3524	029467	24	1.75	34.25	#8 SAE	1"	54	\$298.80
201-3530	029468	30	1.75	40.25	#8 SAE	1"	62	\$324.28
201-3536	029469	36	1.75	46.25	#8 SAE	1"	69	\$349.32
201-3500-SK		PACKING KIT						\$35.38
4" Bore								
201-4008-A	029470	8	1.25	20.25	#8 SAE	1"	48	\$249.29
201-4010	029471	10	1.50	20.25	#8 SAE	1"	50	\$263.92
201-4012	029472	12	1.50	22.25	#8 SAE	1"	54	\$273.54
201-4014	029473	14	1.50	24.25	#8 SAE	1"	57	\$283.77
201-4016-A	029474	16	2.00	31.25	#8 SAE	1.25"	64	\$331.32
201-4018	029475	18	2.00	28.25	#8 SAE	1"	64	\$326.15
201-4020	029476	20	2.00	30.25	#8 SAE	1"	68	\$338.64
201-4024	029477	24	2.00	34.25	#8 SAE	1"	75	\$363.54
201-4030	029478	30	2.00	40.25	#8 SAE	1"	85	\$399.63
201-4036	029479	36	2.00	46.25	#8 SAE	1"	95	\$436.41
201-4000-SK		PACKING KIT						\$51.03

3000 PSI RATED FEATURES

- ST52.3 Steel Alloy barrel
- Induction hardened C1045 Steel Alloy
- Heavy Duty Seals
- Hardened Pins on 3" Bore and larger
- 3000 PSI continuous pressure

**3-Year
Warranty**

OVERSTOCKED CYLINDERS!

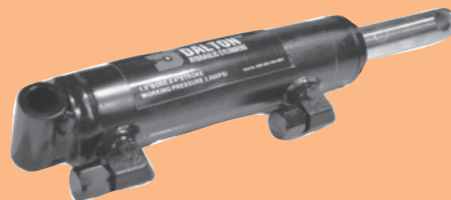
Quality cylinders at discounted price!

3.5" Bore x 10" Stroke -
1.5 Rod-
16" Retract
1" Pin holes



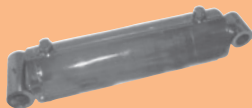
DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-310	3.5	10	1 1/2	18	1/2 NPT	\$164.75

1.5" Bore x 4" Stroke -
1" Rod- 6 SAE-
12.5" Retract-
Tube on Base
end- Pin hole in
rod



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-1504-WP3	1.5	4	1	12.5	6 SAE	\$66.55

1.5" Bore x 4" Stroke -
1" Rod- 6 SAE Ports-
10" Retract-
2" Wide Cross Tubes
.75" Pin Holes



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-1504-WT	1.5	4	1	10	6 SAE	\$65.99

3.5" Bore x 21" Stroke -
1.75" Rod- 1/2 NPT Ports-
21" Retract- Welded Tube



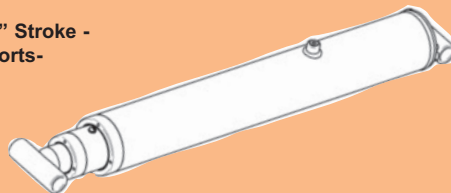
DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-321-CP	3.5	21	1 3/4	38	1/2 NPT	\$274.86

2.5" Bore x 6" Stroke -
1.125 Rod-
13.625" Retract
1" Pin holes



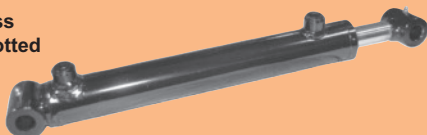
DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-301-2506-PLE	2.5	6	1.125	13.625	SAE 6	\$87.52

3.5" Bore x 49.23" Stroke -
2" Rod- 6 SAE Ports-
33.19" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
208-3249	3.5	49.23	2	33.19	6 SAE	\$467.50

2.5" Bore x 24" Stroke -
1" Rod- 8 SAE-
32" Retract- Cross
Tube on base- Slotted
Tang on rod end



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-3024	2.5	24	1	32	8 SAE	\$129.80

3.5" Bore x 10" Stroke -
1.75" Rod- 8 SAE Ports
21.01" Retract-
Welded Tubes



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-3510-C	3.5	10	1 3/4	21.01	8 SAE	\$192.50

1.5" Bore x 8" Stroke -
3/4" Rod- 1/4 NPT Ports
15.375" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-122	3	8	3/4"	15.375	1/4 NPT	\$86.90

3" Bore x 8" Stroke
1.5" Rod, 18.25"
Retracted Length- 8
SAE ports- WHITE
paint



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-3008-WCT	3	8	1.5	18.25	8 SAE	\$126.50

4" Bore x 30" Stroke
2" Rod- 8 SAE Ports-
40.375" Retract- 1.5"
Pin Holes



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-4030-C	4	30	2	40.375"	8 SAE	\$287.07

2" Bore 30" Stroke -
1.125" Rod- 3/8" NPTF
Ports & 6SAE
40.25" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
TR3-2030	2	30	1.125	40.25	8 SAE & 1/2 NPTF	\$77.00

3" Bore x 30" Stroke
1.5" Rod- 1/2" NPTF Ports
41" Retract- 3000 PSI
4" wide tubes



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-3030-N	3	30	1.5	41	1/2 NPTF	\$225.00

4" Bore x 36" Stroke -
1.75" ID Rod- 8 SAE
Ports-
54.5" Retracted



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-301-4036	4	36	1 3/4	54.5	8 SAE	\$720.50

2" Bore x 10" Stroke
- 1.125" Rod- 8 SAE
Ports-
19" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-301-2010	2	10	1.125	19	8 SAE	\$109.45

2.5" Bore x 63.625" Stroke -
1.75" Rod- 8 SAE Ports-
99" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-301-2563	2.5	63.625	1 3/4	99	8 SAE	\$740.66

3.5" Bore x 4" Stroke -
1.25" Rod- 8 SAE Ports
14.25" Retract



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
TR3-3504	3.5	4	1.25	14.25	8 SAE & 1/2 NPTF	\$77.00

1.5" Bore x 10" Stroke -
1" Rod- 3/8 NPTF Ports
17" Retract

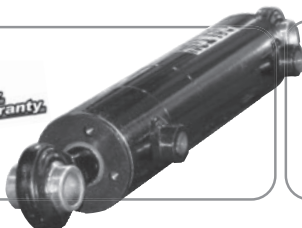


DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-300-177	1.5	10	1"	17	1/4" NPTF	\$69.72

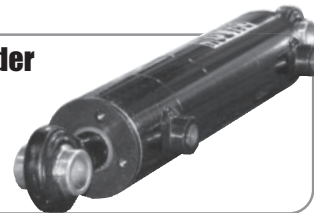
DALTON Hydraulic Top Link Cylinders

DALTON CAT-I Top-link Cylinder

- 2" Bore X 8" Stroke
- 20.00" Retracted Length
- 1/2" NPT Ports
- Swivel End Fittings fit 3/4" Pins
- 3,000 PSI Working Pressure

4 Year
Warranty**DALTON CAT-II Top-link Cylinder**

- 2.5" Bore X 10" Stroke
- 21.5" Retracted Length
- #8 SAE Ports
- Swivel End Fittings fit 1" Pins
- 3,000 PSI Working Pressure



DBH Part #	Bore	Stroke	Rod Dia	Each
DBH-2008-TL	2	8	1.25	\$162.13

DBH Part #	Bore	Stroke	Rod Dia	Each
DBH-2510-TL-C	2 1/2	10	1.25	\$224.50

Screw-On Clevis

DBH Part #	Thread	Pin Hole Size	1-9	10 & Up
204-261	1-1/8"-12	1"	36.07	31.11
204-263	1-1/4"-12	1"	39.49	32.01
204-264	1-1/4"-12	1-1/4"	44.73	37.51
204-265	1-1/2"-12	1"	74.80	68.20
204-266	1-1/2"-12	1-1/4"	81.53	75.54

DALTON Custom Cylinder w/ Tang

- 3" Bore X 8" Stroke
- 19" Retracted Length
- #8" SAE Ports
- Tang End fit 3/4" Pins
- 3,000 PSI Working Pressure



DBH Part #	Bore	Stroke	Rod Dia	Retract Length	Port Type	Each
DBH-3008-TP	3	8	1.5"	19	3/8 NPT	\$194.68

Stroke Controls

DBH Part #	Fits Rod Size	Sizes	WT.	Each
200-201	1.125" - 1.5"	.875", 1", 1.25", 1.5	1	31.56
200-202	1.75" - 2"	1", 1.5", 2"	1	49.59

Stroke Controls

DBH Part	Fits Rod Size	Stroke Adjustment	WT.	Each
200-209	1 1/4"	2 1/4"	1	24.86
200-210	1 1/2"	2 1/4"	1	32.51

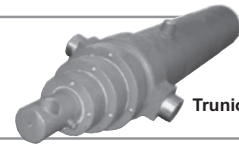
TELESCOPIC CYLINDERS

Single-Acting Telescopic Cylinders

- 2500 PSI Rated
- Primered



Cross-Tube Mount

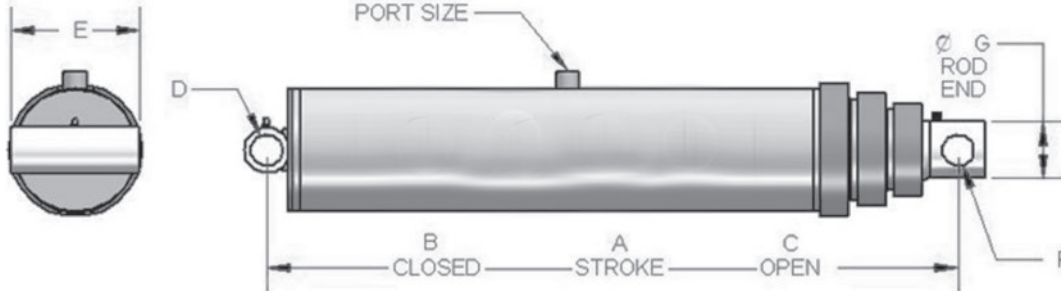


Trunion Mount

DBH Part #	Mfg#	Stroke	Closed	Extended	Dia Body	D	E	F	G	Port Size	WT	Each
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CROSS TUBE MOUNT

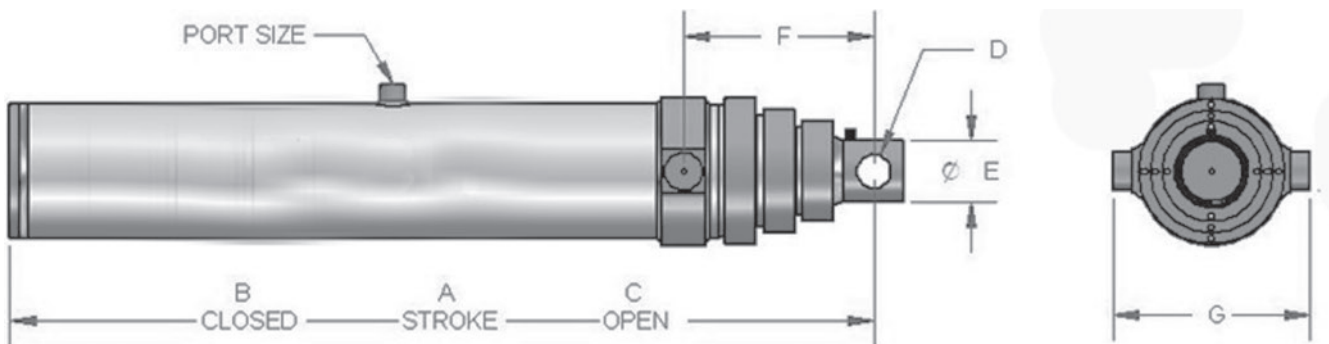
209-3243	3243-SAP	40.38	29.69	70.07	4.0	1.5	4.0	1.25	1.88	1/2"-14 NPT	60	CALL
209-3250	3250-SAP	46.67	32.84	79.51	4.0	1.5	4.0	1.25	1.88	1/2"-14 NPT	66	CALL
209-3272	3272-SAP	72.00	45.63	117.63	4.0	1.5	4.0	1.25	1.88	1/2"-14 NPT	89	CALL
209-4243	4243-SAP	39.50	30.19	69.69	5.0	1.5	5.0	1.5	2.75	1/2"-14 NPT	86	CALL
209-4250	4250-SAP	47.25	33.69	80.94	5.0	1.5	5.0	1.5	2.75	1/2"-14 NPT	95	CALL
209-4260	4260-SAP	57.88	39.07	96.95	5.0	1.5	5.0	1.5	2.75	1/2"-14 NPT	109	CALL
209-4374	4374-SAP	73.88	35.69	109.57	5.0	1.5	5.0	1.25	1.88	1/2"-14 NPT	109	CALL
209-4375	4375-SAP	67.34	33.62	100.96	5.0	1.5	5.0	1.25	1.88	1/2"-14 NPT	105	CALL
209-4398	4398-SAP	89.83	41.13	130.96	5.0	1.5	5.0	1.25	1.88	1/2"-14 NPT	124	CALL
209-5360	5360-SAP	57.11	29.81	86.92	6.0	1.5	6.25	1.5	2.75	1/2"-14 NPT	122	CALL
209-5374	5374-SAP	69.14	33.82	102.96	6.0	1.5	6.25	1.5	2.75	1/2"-14 NPT	137	CALL
209-5390	5390-SAT	86.55	39.63	126.18	6.0	1.5	6.25	1.5	2.75	1/2"-14 NPT	159	CALL



DBH Part #	Mfg#	Stroke	Closed	Extended	Dia Body	D	E	F	G	Port Size	WT	Each
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TRUNION MOUNT

209-3243T	3243-SAT	42.5	30.0	72.50	4.0	1.25	1.88	8.5	8.81	1/2"-14 NPT	60	CALL
209-4250T	4250-SAT	51.25	35.07	86.32	5.0	1.5	2.75	8.5	8.81	1/2"-14 NPT	97	CALL
209-4260T	4260-SAT	60.0	39.47	99.47	5.0	1.5	2.75	8.5	8.81	1/2"-14 NPT	108	CALL
209-4265T	4265-SAT	65.00	42.07	107.07	5.0	1.5	2.75	8.5	8.81	1/2"-14 NPT	115	CALL
209-4374T	4374-SAT	73.88	34.63	108.51	5.0	1.25	1.88	8.5	8.81	1/2"-14 NPT	106	CALL
209-4398T	4398-SAT	96.42	42.19	138.61	5.0	1.25	1.88	8.69	8.81	1/2"-14 NPT	128	CALL
209-5374T	5374-SAT	74.0	34.63	108.63	6.0	1.5	2.75	8.5	8.81	1/2"-14 NPT	141	CALL
209-5390T	5390-SAT	86.06	38.63	124.69	6.0	1.5	2.75	8.5	8.81	1/2"-14 NPT	156	CALL



Rod &
Tubing

Honed Steel Tubing

Up to 3000 PSI Working Pressure • 16" Minimum SAE • 1026 Tensile Strength (ksi): 85 • Yield Point (ksi): 75 • Elongation (% in 2"): 15 • Rockwell Hardness: RB80 • Drawn over mandrel or cold drawn seamless honed tube. Material is stress-relief annealed and offers surface finishes commonly ordered 10-20 microinch. Can furnish skived and burnished ID-finished tube and chrome-plated OD and/or ID • American Specifications – ASTM A513 Type 5, ASTM A519 cold drawn seamless, KR3504 (ST52.3 (ST37.2)) • Used for hydraulic and pneumatic cylinder manufacturing and pump barrels. Close tolerances and smooth surface finishes are critical in these applications. • Materials can be readily machined, honed, skived, etc. as well as thermally treated to produce a superior finished product. • The absence of alloying elements in combination with the low manganese content makes for easy welding • Can be heat treated

STANDARD

PRICES ARE PER INCH

DBH Part#	ID	OD	Wall	12" to 95"	96" & UP
650-101	1 1/2	1.88	0.18	4.52	3.60
650-102	1 1/2	2	0.25	4.96	3.98
650-103	1 3/4	2.25	0.25	6.79	5.42
650-201	2	2.38	0.19	5.19	4.17
650-202	2	2.5	0.25	5.56	4.47
650-204	2 1/4	2.75	0.25	6.88	5.40
650-205	2 1/2	2.88	0.19	5.26	4.08
650-206	2 1/2	3	0.25	8.56	5.39
650-207	2 3/4	3.25	0.25	6.62	5.36
650-301	3	3.5	0.25	8.81	6.97
650-302	3	3.38	0.19	7.10	5.70
650-303	3	3.75	0.38	10.29	8.10
650-304	3 1/4	3.75	0.25	8.67	6.95
650-305	3 1/4	4	0.38	11.95	9.30
650-306	3 1/2	3.88	0.19	9.08	5.72
650-307	3 1/2	4	0.25	10.19	8.13
650-308	3 1/2	4.25	0.38	17.40	13.94
650-309	3 3/4	4.25	0.25	9.88	7.94
650-401	4	4.5	0.25	9.98	8.01
650-402	4	4.75	0.38	14.69	11.74
650-403	4	5	0.5	22.78	18.18
650-404	4 1/4	5	0.38	17.55	14.05
650-405	4 1/2	5	0.25	12.32	9.88
650-406	4 1/2	5.25	0.38	15.39	12.02
650-407	4 3/4	5.5	0.38	16.60	13.43
650-501	5	5.5	0.25	12.03	9.24
650-502	5	5.75	0.38	15.38	12.02
650-503	5	6	0.5	23.16	18.26
650-504	5 1/2	6	0.25	16.69	13.11
650-506	5 1/2	6.5	0.5	30.88	24.66
650-601	6	6.5	0.25	13.82	11.07
650-602	6	6.75	0.38	18.17	14.56
650-603	6	7	0.5	27.81	21.68
650-604	6	7.25	0.63	34.50	27.71
650-605	6 1/2	7	0.25	17.31	14.09
650-606	6 1/2	7.5	0.5	37.04	29.33
650-701	7	7.75	0.38	21.76	17.15
650-702	7	8	0.5	31.17	24.71
650-703	7	8.5	0.75	74.43	58.82
650-704	7 1/2	8.5	0.5	46.88	37.21
650-802	8	9	0.5	35.64	28.03
650-803	8	9.5	0.75	68.52	54.37

METRIC

PRICES ARE PER INCH

DBH Part#	ID	OD	Wall	12" to 95"	96" & UP
651-040	40	50	5	4.48	3.54
651-050	50	60	5	4.90	3.84
651-055	55	65	5	5.40	4.10
651-060	60	70	5	5.72	4.61
651-063	63	73	5	5.82	4.61
651-070	70	85	7.5	6.50	5.09
651-080	80	95	7.5	10.60	8.48
651-090	90	105	7.5	12.14	9.45
651-100	100	115	7.5	13.28	10.33
651-125	125	145	10	21.80	17.50
651-140	140	160	10	24.95	19.86

Carbon Steel Tubing

PRICES ARE PER INCH

DBH Part#	ID	OD	Wall	12" to 95"	96" & UP
652-101	0.77	1.25	0.25	3.29	2.61
652-102	1.015	1.75	0.38	6.79	5.41
652-103	1.02	1.5	0.25	4.25	3.37
652-104	1.015	2	0.5	9.22	7.34
652-105	1.27	2	0.38	7.67	5.72
652-106	1.515	2	0.25	9.11	6.79
652-107	1.5	2.25	0.38	12.52	10.02
652-108	1.516	2.5	0.5	10.10	8.23
652-109	2	3	0.5	13.90	11.08
652-110	2.5	3.5	0.5	15.28	11.78

*\$50.00 Minimum on all cut rod & tubing



Chrome Rod

STANDARD

75,000 PSI Yield • 16" Minimum • Material: 1045/1050 – 75,000 PSI • PSI Thickness: .0005" Minimum (.0127 mm) Hard Chrome-Plated unless otherwise specified • Hardness of Chrome Plate: Re 68-72 • Surface Finish: RMS - 12 Maximum (.305 mm) • Salt Spray Test: 48 hours minimum in accordance with ASTM B-1117 • Length: Any Specified Length as required up to 24' • Packaging: Collared and boxed or individually fiber-tubed • Identification: Ends can be color-coded to customer requirements or industry standards.

PRICES ARE PER INCH

DBH Part#	12" OD to 95" & UP	96"	DBH Part#	12" OD to 95" & UP	96"
600-050	1/2	1.71 1.58	600-200	2	7.34 6.83
600-062	5/8	2.76 2.13	600-225	2 1/4	8.80 7.93
600-075	3/4	2.81 2.20	600-250	2 1/2	10.44 9.45
600-087	7/8	3.00 2.65	600-275	2 3/4	12.23 11.15
600-100	1	3.21 2.72	600-300	3	14.71 13.38
600-112	1 1/8	3.15 2.68	600-350	3 1/2	20.60 18.56
600-125	1 1/4	3.58 3.42	600-400	4	29.33 26.13
600-137	1 3/8	3.76 4.11	600-450	4 1/2	45.05 40.40
600-150	1 1/2	4.25 3.89			
600-175	1 3/4	5.75 5.42			

METRIC

PSI Yield: 75,000 • 16" Minimum

PRICES ARE PER INCH

DBH Part#	12" OD to 95" & UP	96"	DBH Part#	12" OD to 95" & UP	96"
601-020	20	4.18 3.73	601-056	56	10.96 9.93
601-022	22	4.47 4.02	601-060	60	11.67 10.55
601-025	25	4.64 4.16	601-065	65	12.96 11.78
601-035	35	5.14 4.66	601-070	70	16.27 14.74
601-040	40	5.87 5.30	601-075	75	21.26 18.72
601-045	45	6.30 5.65	601-080	80	22.92 20.81

Ductile Iron Rod

Class: 65 – 45 – 12 • Tensile Strength (ksi): 65 • Yield Point (ksi): 45 • Elongation (% in 2"): 12 • Brinell Hardness: 131 – 220

PRICES ARE PER INCH

DBH Part#	12" OD to 95" & UP	96"	DBH Part#	12" OD to 95" & UP	96"
616-200	2	4.08 3.62	616-650	6 1/2	41.92 37.58
616-250	2 1/2	6.92 6.26	616-700	7	50.66 45.53
616-300	3	9.50 8.58	616-750	7 1/2	66.39 59.68
616-350	3 1/2	12.38 11.12	616-800	8	68.98 62.23
616-400	4	16.67 15.03	616-900	9	94.14 83.74
616-450	4 1/2	19.87 17.82			
616-500	5	24.81 22.32			
616-550	5 1/2	34.06 30.64			
616-600	6	40.19 33.50			

*\$50.00 Minimum on all cut rod & tubing

Induction Hardened Chrome Rod

STANDARD

100,000 PSI Yield • 16" Minimum • Material: 1045/1050 – 100,000 PSI • Surface Hardness: Rc 50 Minimum (other specifications on inquiry) • Case Depth: .050" Minimum (1.27 mm) effective case depth unless otherwise specified. (On full length bars, maximum of 1 1/2" (38.10 mm) from either end is neither hardened nor plated.) • Plate Thickness: .0005" Minimum (0.127 mm) hard chrome-plated unless otherwise specified • Hardness of Chrome Plate: Re 68-72 • Surface Finish: RMS - 12 Maximum (.305 mm) • Salt Spray Test: 48 hours minimum in accordance with ASTM B-1117 • Identification: Ends can be color-coded to customer requirements or industry standards.

PRICES ARE PER INCH

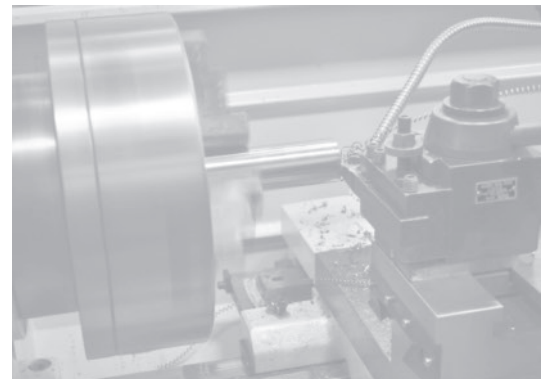
DBH Part#	12" OD to 95" & UP	96"	DBH Part#	12" OD to 95" & UP	96"
610-100	1	3.71 3.32	610-250	2 1/2	12.36 11.19
610-112	1 1/8	3.73 3.39	610-275	2 3/4	14.81 13.46
610-125	1 1/4	4.03 3.67	610-300	3	18.22 16.52
610-150	1 1/2	4.81 4.31	610-325	3 1/4	20.55 18.66
610-175	1 3/4	5.34 4.83	610-350	3 1/2	26.46 24.05
610-200	2	8.34 7.34	610-400	4	27.41 24.90
610-225	2 1/4	11.42 10.35	610-500	5	55.90 51.04

METRIC

PSI Yield: 100,000 • 16" Minimum

PRICES ARE PER INCH

DBH Part#	12" OD to 95" & UP	96"	DBH Part#	12" OD to 95" & UP	96"
611-020	20	4.70 4.26	611-060	60	12.28 11.12
611-025	25	5.23 4.69	611-065	65	14.08 12.74
611-030	30	4.64 4.13	611-070	70	15.16 13.76
611-035	35	5.41 4.84	611-075	75	19.51 17.59
611-040	40	6.38 5.72	611-080	80	21.16 19.15
611-045	45	7.84 7.07	611-090	90	26.74 24.19
611-050	50	8.99 8.11	611-100	100	34.25 31.04
611-056	56	12.07 11.03			



Hydraulic
Cylinder Components

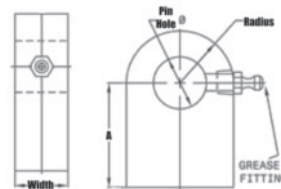
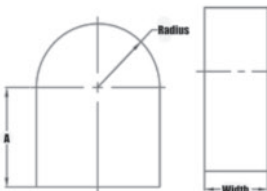
Hydraulic Cylinder Components

Blank Mounting Lug



DBH Part #	A	Radius	Width	Each
605-104	1.50	1.00	.50	11.70
605-105	1.50	1.00	.62	11.29
605-106	1.50	1.00	.75	12.40
605-107	1.75	1.25	1.00	16.40
605-108	2.00	1.50	1.00	19.50
605-109	2.50	2.00	1.00	26.35
605-110	1.50	1.00	1.25	22.00
605-111	1.50	1.12	1.50	19.61
605-112	2.00	1.25	1.50	22.88
605-113	1.75	1.50	1.50	24.00
605-114	2.75	1.50	1.50	26.39
605-115	1.75	1.25	2.00	25.33
605-116	2.00	1.5	2.00	30.52
605-117	2.12	1.50	2.00	31.14
605-118	2.25	1.50	2.00	31.96
605-119	3.00	1.50	2.00	37.90
605-120	1.75	1.75	2.00	41.84
605-121	1.88	1.75	2.00	45.32
605-122	2.12	1.75	2.00	43.56
605-123	2.50	1.75	2.00	50.81
605-124	2.75	1.75	2.00	61.46
605-125	3.00	2.00	2.00	66.41
605-126	3.00	2.12	2.00	74.00
605-127	3.12	2.50	2.00	107.08
605-128	2.00	1.12	2.25	44.21
605-129	2.50	1.75	2.25	71.44
605-130	3.00	2.50	2.25	99.10
605-131	3.00	2.50	2.50	89.70
605-132	3.00	2.25	3.00	111.00
605-133	3.00	2.00	3.25	117.78

Blank Mounting Lug



Mounting Lug

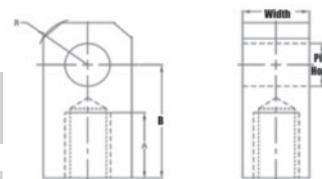


Mounting Lug with Hole

DBH Part #	Pin Hole	A	Radius	Width	Grease Fitting	Each
605-134	1.00	2.00	1.00	.50	N/A	34.90
605-135	1.00	2.00	1.00	.62	N/A	34.90
605-136	1.00	2.12	1.00	.75	N/A	46.40
605-137	1.00	2.00	1.00	1.00	N/A	47.50
605-138	1.00	2.00	1.00	1.25	1/8" NPT	55.94
605-139	1.25	2.50	1.25	.62	N/A	41.14
605-140	1.25	2.50	1.25	.75	N/A	47.48
605-141	1.25	2.50	1.25	1.00	N/A	49.21
605-142	1.25	2.50	1.25	1.50	1/8" NPT	66.47
605-143	1.25	2.50	1.25	2.00	1/8" NPT	76.93
605-144	1.50	2.50	1.50	.62	N/A	40.52
605-145	1.50	2.50	1.50	.75	N/A	47.11
605-146	1.50	2.50	1.50	1.50	1/8" NPT	74.44
605-147	1.50	2.50	1.50	2.00	1/8" NPT	77.48
605-148	1.50	2.50	1.50	2.50	1/8" NPT	88.69
605-149	2.00	3.00	2.00	2.00	1/8" NPT	113.52
605-150	2.00	3.00	2.00	2.50	1/8" NPT	136.26

Rod Eyes

DBH Part #	A	B	Width	Pin Hole	Radius	AA	Each
605-151	.75	1.50	.75	.50	.63	7/16"-20	21.00
605-152	1.125	2.06	1.25	.75	.88	3/4"-16	32.75
605-153	1.625	2.81	1.50	1.00	1.19	1"-14	44.73
605-154	2.00	3.44	2.00	1.38	1.56	1 1/4"-12	80.00
605-155	2.25	4.00	2.50	1.75	2.00	1 1/2"-12	107.82
605-156	3.00	5.00	2.50	2.00	2.50	1 7/8"-12	116.43
605-157	3.50	5.81	3.0	2.50	2.81	2 1/4"-12	135.56

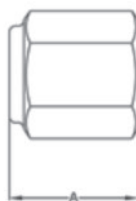
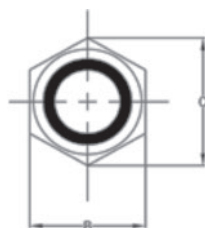


Rod Eyes

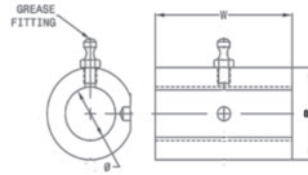


Nylon Insert Lock Nut

DBH Part #	Bar Size	A	B	C	Each
605-158	1/2"-20	.60	.75	.84	4.92
605-159	5/8"-18	.75	.94	1.06	5.88
605-160	3/4"-16	.88	1.06	1.19	21.42
605-161	7/8"-14	1.00	1.25	1.40	11.80
605-162	1"-14	1.06	1.44	1.62	15.98
605-163	1"-14	.88	1.62	1.83	19.02
605-164	1 1/8"-12	1.19	1.62	1.83	21.92
605-165	1 1/4"-12	1.38	1.81	2.06	25.51
605-166	1 1/2"-12	1.62	2.19	2.44	33.50
605-167	1 1/2"-12	.81	2.19	2.44	26.30
605-168	1 3/4"-12	1.50	2.75	3.06	64.45
605-169	2"-12	1.62	3.12	3.50	68.81
605-170	2 1/4"-12	1.94	3.50	3.94	146.53
605-171	2 1/4"-12	2.81	3.50	3.94	200.63
605-172	2 1/2"-12	2.25	4.00	4.60	317.71



Cross Tube Mounts

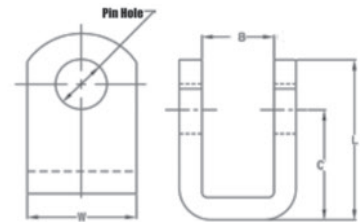


DBH Part #	Pin Hole	Length	OD	Each
605-173	1.00	2.50	1.50	16.42
605-174	1.00	3.00	1.50	16.79
605-175	1.00	3.50	1.50	17.14
605-176	1.00	4.00	1.50	17.30
605-177	1.00	4.50	1.50	25.46
605-178	1.00	2.75	1.75	23.10
605-179	1.00	3.25	1.75	24.20
605-180	1.00	3.75	1.75	25.46
605-181	1.00	4.25	1.75	26.89
605-182	1.00	4.75	1.75	31.12
605-183	1.00	5.25	1.75	32.44
605-184	1.25	2.75	2.00	24.42
605-185	1.25	3.25	2.00	26.17
605-186	1.25	3.75	2.00	30.70
605-187	1.25	4.25	2.00	32.23
605-188	1.25	4.75	2.00	21.74
605-189	1.25	5.25	2.00	35.72
605-190	1.25	6.00	2.00	41.08

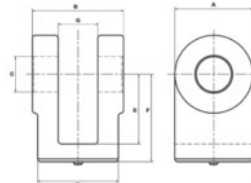
DBH Part #	Pin Hole	Length	OD	Each
605-191	1.25	7.00	2.00	45.98
605-192	1.50	3.00	2.50	29.45
605-193	1.50	4.25	2.50	38.29
605-194	1.50	4.75	2.50	40.66
605-195	1.50	5.50	2.50	48.34
605-196	1.50	6.00	2.50	53.47
605-197	1.50	7.00	2.50	56.65
605-198	1.75	3.25	2.75	39.32
605-199	1.75	4.75	2.75	52.87
605-200	1.75	5.50	2.75	57.49
605-201	1.75	6.0	2.75	64.86
605-202	1.75	7.00	2.75	71.14
605-203	2.00	3.50	3.00	44.34
605-204	2.00	4.75	3.00	59.34
605-205	2.00	5.50	3.00	61.27
605-206	2.00	6.00	3.00	74.32
605-207	2.00	7.00	3.00	82.21

Steel Weld On Formed Clevis

DBH Part #	Pin Hole	B	C	Length	Width	Each
605-208	.50	.75	1.50	2.25	1.25	15.35
605-209	.75	1.06	2.00	3.12	1.75	17.82
605-210	1.00	1.25	2.50	3.62	2.00	25.45
605-211	1.00	.88	2.93	4.06	2.00	47.81
605-212	1.00	1.25	5.06	6.06	1.75	43.30
605-213	1.125	1.50	2.12	3.25	2.25	57.38
605-215	N/A	.50	N/A	2.38	1.00	24.20
605-217	N/A	1.50	N/A	3.25	2.50	88.32
605-218	N/A	1.12	N/A	4.00	2.00	35.88
605-219	N/A	1.50	N/A	4.00	3.00	54.68
605-220	1.00	1.12	2.12	3.38	2.50	32.36
605-221	N/A	1.12	N/A	4.25	3.00	76.67
605-222	N/A	1.25	N/A	4.62	2.50	37.78
605-223	N/A	1.62	N/A	4.00	2.50	65.23



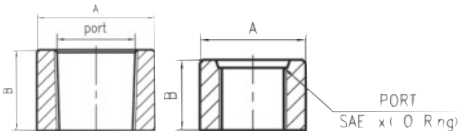
Steel Weld On Clevis'



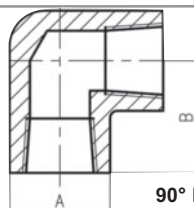
DBH	A	B	C	D	E	F	G	Each
204-272	2	2.5	1.015	2.165	2.00	2.52	1.141	\$27.08
204-274	2.25	2.637	1.015	2.322	2.00	2.52	1.141	\$31.37
204-275	2.25	2.637	1.015	2.322	2.00	2.52	1.141	\$38.50
204-276	2.25	2.637	1.25	2.322	2.00	2.52	1.141	\$42.77
204-277	2.874	3.00	1.25	2.677	2.125	2.874	1.25	\$51.32
204-278	2.874	3.00	1.5	2.677	2.125	2.874	1.25	\$57.02

Hydraulic Cylinder Components

WELD ON PORTS



DBH Part #	Port Size	A	B	1-9	10- Up
751-038	3/8 NPT	1.00	1.00	2.16	1.93
751-090	1/2 NPT	1.25	1.06	2.51	2.32
751-091	3/4 NPT	1.50	1.28	4.10	3.59
751-092	1" NPT	1.75	1.28	5.58	5.06
751-099	SAE4	.88	1.00	1.93	1.80
751-100	SAE6	1.00	1.00	2.22	2.12
751-101	SAE8	1.25	1.06	3.37	3.16
751-102	SAE10	1.38	1.06	3.98	3.72
751-103	SAE12	1.50	1.28	5.14	4.96
751-104	SAE16	1.75	1.28	5.65	5.58



90° Ports



SAE PORTS

DBH Part #	Port Size	A	B	1-9	10- Up
751-001	1/4 NPT	.75	.75	3.37	3.14
751-002	3/8 NPT	.87	.81	4.50	4.30
751-003	1/2 NPT	1.25	1.00	5.24	4.86
751-004	3/4 NPT	1.50	1.19	8.56	7.80
751-005	1" NPT	1.50	1.25	10.48	9.62
751-006	SAE4	.75	.75	3.31	3.07
751-007	SAE6	.87	.81	5.41	4.87
751-008	SAE8	1.25	1.00	6.78	6.10
751-009	SAE10	1.25	1.12	13.40	12.52
751-010	SAE12	1.50	1.19	14.26	14.44
751-011	SAE16	1.50	1.25	20.36	18.13

Clevis Pins



DBH Part #	OD	Usable Lgth.	Overall Lgth.	Clip	WT. Each
200-105	1	2 1/4	3	R-Clip	1 4.56
200-101	1	2 3/4	3 1/2	R-Clip	1 4.84
200-104	1	2 3/4	3 1/2	A-Clip/Cir-Clip	1 4.84
200-102	1	3 1/4	4	R-Clip	1 6.11
200-103	1 1/4	3 1/4	4	R-Clip	1 5.38

Brass Breathers

-Used for case ventilation or convert double acting cylinders to single-acting.



DBH Part #	Thread	WT.	Each
200-251	1/4 NPT	1	3.68
200-252	3/8 NPT	1	4.22
200-253	1/2 NPT	1	5.95
200-255	3/4 NPT	1	6.71
200-257	#6 SAE	1	4.58
200-258	#8 SAE	1	6.91

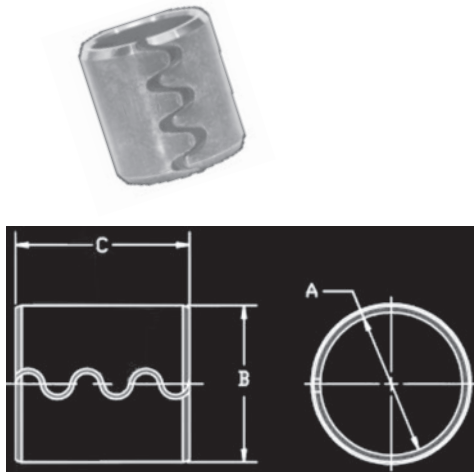
Breather Vents

-Low Profile
-Used for case ventilation or convert double acting cylinders to single-acting.



DBH Part #	Thread	WT.	Each
200-261	3/8 NPT	1	9.46
200-262	1/2 NPT	1	10.27
200-263	3/4 NPT	1	10.97

Split Tension Bushings



DBH Part #	Pin Hole	OD	Length	Each
605-253	.75	1.00	2.00	24.34
605-254	.88	1.00	2.00	25.79
605-255	1.00	1.25	.75	13.60
605-256	1.00	1.25	.88	16.10
605-257	1.00	1.25	1.00	16.73
605-258	1.00	1.25	1.25	16.40
605-259	1.00	1.25	1.50	22.38
605-260	1.25	1.50	1.25	24.38
605-261	1.25	1.50	1.50	28.32
605-262	1.25	1.50	2.00	31.26
605-263	1.50	1.75	1.50	30.78
605-264	1.50	1.75	2.00	33.78
605-265	1.50	1.75	3.00	46.14
605-266	1.50	1.88	2.00	47.68
605-267	1.50	1.75	2.50	39.72
605-268	1.50	2.00	1.25	38.77
605-269	1.50	2.00	2.00	64.57
605-270	1.75	2.00	1.25	29.24
605-271	1.75	2.00	1.50	32.81
605-272	1.75	2.00	2.00	36.25
605-273	1.75	2.00	2.25	39.49
605-274	1.75	2.00	3.00	48.14
605-275	1.75	2.25	2.00	63.01
605-276	2.00	2.38	3.00	85.38
605-277	2.00	2.25	1.50	53.15

Rod &
Tubing

Hydraulic
Pumps

Hydraulic
Motors

Hydraulic
Valves

Power
Units

Hoses, Fittings
& Accessories

Bearings

Power
Transmission

Miscellaneous

Hardened Pin Hole Bushing

- Rockwell C 45-50 Hardened Steel
- Used to reduce from 1 1/4 down to 1" pin hole, and 1 1/2 down to 1 1/4.



DBH Part#	ID	OD	Length	1-49	50 & Up
203-115	1"	1 1/4"	7/8"	12.43	11.39
203-119	1"	1 1/4"	1"	11.34	10.39
203-119-I	1"	1 1/4"	1"	8.54	7.54
203-120-I	1 1/4"	1 1/2"	1"	9.40	8.98

Orifice Restrictor Fitting

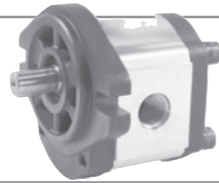


DBH Part #	Orifice Size	Fits Port Size	WT.	Each
041-006-R	Blank	1/2" NPT	2	4.27
041-006-R.032	1/32"	1/2" NPT	2	5.40
041-006-R.0625	1/16"	1/2" NPT	2	5.40

Hydraulic Pumps

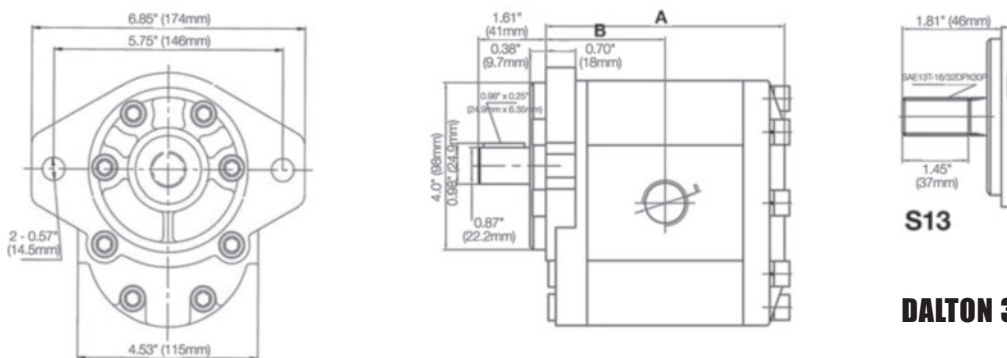
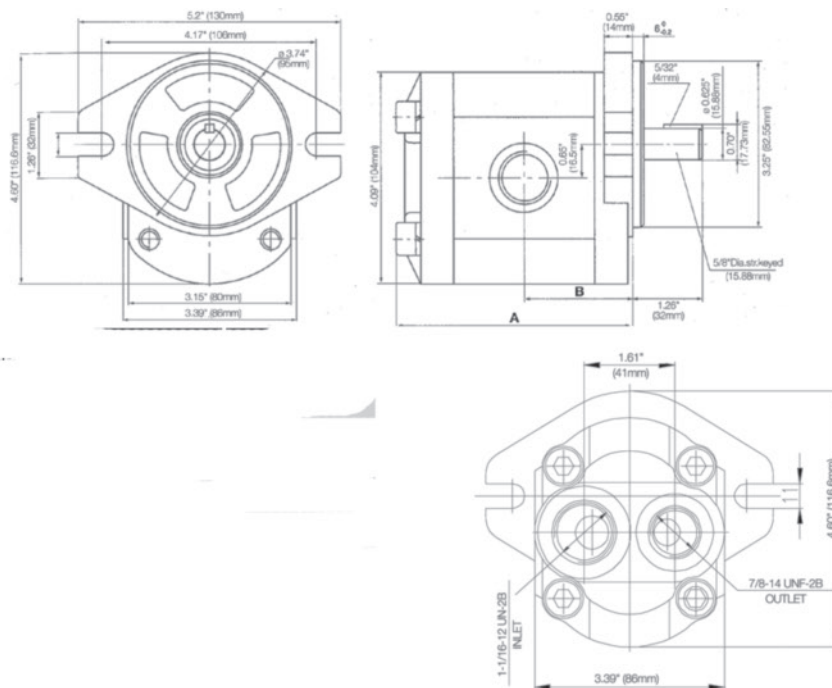
DALTON 20 Series Gear Pumps

- Patented 14 Tooth gear set for low-noise operation.
- 2-Bolt SAE "A" Mount - 3.25" Pilot
- 1.25" Shaft Length
- Cast iron end caps with aluminum housing



DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA- TION	GPM @ 1800RPM	WT.	1-4	5 & Up
250-62LA	DPQ-20-7.0-P-L	0.43	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CCW	3.35	8	\$152.33	\$145.00
250-62RA	DPQ-20-7.0-P-R	0.43	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CW	3.35	8	\$152.33	\$145.00
250-64LA	DPQ-20-7.0-P1-L	0.43	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CCW	3.35	8	\$152.33	\$145.00
250-64RA	DPQ-20-7.0-P1-R	0.43	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CW	3.35	8	\$152.33	\$145.00
250-69LA	DPQ-20-7.0-S9-L	0.43	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CCW	3.35	8	\$152.33	\$145.00
250-69RA	DPQ-20-7.0-S9-R	0.43	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CW	3.35	8	\$152.33	\$145.00
250-82LA	DPQ-20-8.0-P-L	0.48	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CCW	3.74	9	\$152.33	\$145.00
250-82RA	DPQ-20-8.0-P-R	0.48	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CW	3.74	9	\$152.33	\$145.00
250-84LA	DPQ-20-8.0-P1-L	0.48	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CCW	3.74	9	\$152.33	\$145.00
250-84RA	DPQ-20-8.0-P1-R	0.48	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CW	3.74	9	\$152.33	\$145.00
250-89LA	DPQ-20-8.0-S9-L	0.48	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CCW	3.74	9	\$152.33	\$145.00
250-89RA	DPQ-20-8.0-S9-R	0.48	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CW	3.74	9	\$152.33	\$145.00
250-92LA	DPQ-20-10-P-L	0.61	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CCW	4.75	9	\$152.33	\$145.00
250-92RA	DPQ-20-10-P-R	0.61	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CW	4.75	9	\$152.33	\$145.00
250-94LA	DPQ-20-10-P1-L	0.61	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CCW	4.75	9	\$152.33	\$145.00
250-94RA	DPQ-20-10-P1-R	0.61	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CW	4.75	9	\$152.33	\$145.00
250-99LA	DPQ-20-10-S9-L	0.61	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CCW	4.75	9	\$152.33	\$145.00
250-99RA	DPQ-20-10-S9-R	0.61	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CW	4.75	9	\$152.33	\$145.00
250-112LA	DPQ-20-11-P-L	0.67	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CCW	5.22	9	\$158.34	\$150.07
250-112RA	DPQ-20-11-P-R	0.67	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CW	5.22	9	\$158.34	\$150.07
250-114LA	DPQ-20-11-P1-L	0.67	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CCW	5.22	9	\$158.34	\$150.07
250-114RA	DPQ-20-11-P1-R	0.67	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CW	5.22	9	\$158.34	\$150.07
250-119LA	DPQ-20-11-S9-L	0.67	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CCW	5.22	9	\$158.34	\$150.07
250-119RA	DPQ-20-11-S9-R	0.67	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CW	5.22	9	\$158.34	\$150.07
250-142LA	DPQ-20-14-P-L	0.85	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CCW	5.69	9	\$167.84	\$159.14
250-142RA	DPQ-20-14-P-R	0.85	3600	3650	#12 SAE	#10 SAE	5/8 Keyed	CW	5.69	9	\$167.84	\$159.14
250-144LA	DPQ-20-14-P1-L	0.85	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CCW	5.69	9	\$167.84	\$159.14
250-144RA	DPQ-20-14-P1-R	0.85	3600	3650	#12 SAE	#10 SAE	3/4 Keyed	CW	5.69	9	\$167.84	\$159.14
250-149LA	DPQ-20-14-S9-L	0.85	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CCW	5.69	9	\$167.84	\$159.14
250-149RA	DPQ-20-14-S9-R	0.85	3600	3650	#12 SAE	#10 SAE	9 Tooth Spl	CW	5.69	9	\$167.84	\$159.14
250-162LA	DPQ-20-16-P-L	0.97	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CCW	7.56	9	\$167.84	\$159.14
250-162RA	DPQ-20-16-P-R	0.97	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CW	7.56	9	\$167.84	\$159.14
250-164LA	DPQ-20-16-P1-L	0.97	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CCW	7.56	9	\$167.84	\$159.14
250-164RA	DPQ-20-16-P1-R	0.97	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CW	7.56	9	\$167.84	\$159.14
250-169LA	DPQ-20-16-S9-L	0.97	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CCW	7.56	9	\$167.84	\$159.14
250-169RA	DPQ-20-16-S9-R	0.97	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CW	7.56	9	\$167.84	\$159.14
250-202LA	DPQ-20-20-P-L	1.22	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CCW	9.51	10	\$177.91	\$168.69
250-202RA	DPQ-20-20-P-R	1.22	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CW	9.51	10	\$177.91	\$168.69
250-204LA	DPQ-20-20-P1-L	1.22	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CCW	9.51	10	\$177.91	\$168.69
250-204RA	DPQ-20-20-P1-R	1.22	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CW	9.51	10	\$177.91	\$168.69
250-209LA	DPQ-20-20-S9-L	1.22	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CCW	9.51	10	\$177.91	\$168.69
250-209RA	DPQ-20-20-S9-R	1.22	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CW	9.51	10	\$177.91	\$168.69
250-232LA	DPQ-20-22-P-L	1.34	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CCW	10.44	10	\$177.91	\$168.69
250-232RA	DPQ-20-22-P-R	1.34	3000	2900	#12 SAE	#10 SAE	5/8 Keyed	CW	10.44	10	\$177.91	\$168.69
250-234LA	DPQ-20-22-P1-L	1.34	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CCW	10.44	10	\$177.91	\$168.69
250-234RA	DPQ-20-22-P1-R	1.34	3000	2900	#12 SAE	#10 SAE	3/4 Keyed	CW	10.44	10	\$177.91	\$168.69
250-239LA	DPQ-20-22-S9-L	1.34	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CCW	10.44	10	\$177.91	\$168.69
250-239RA	DPQ-20-22-S9-R	1.34	3000	2900	#12 SAE	#10 SAE	9 Tooth Spl	CW	10.44	10	\$177.91	\$168.69
250-272LA	DP-20A-27-P-L	1.61	3000	3650	#16 SAE	#12 SAE	5/8 Keyed	CCW	12.55	10	\$188.59	\$178.81
250-272RA	DP-20A-27-P-R	1.61	3000	3650	#16 SAE	#12 SAE	5/8 Keyed	CW	12.55	10	\$188.59	\$178.81
250-274LA	DP-20A-27-P1-L	1.61	3000	3650	#16 SAE	#12 SAE	3/4 Keyed	CCW	12.55	10	\$188.59	\$178.81
250-274RA	DP-20A-27-P1-R	1.61	3000	3650	#16 SAE	#12 SAE	3/4 Keyed	CW	12.55	10	\$188.59	\$178.81
250-279LA	DP-20A-27-S9-L	1.61	3000	3650	#16 SAE	#12 SAE	9 Tooth Spl	CCW	12.55	10	\$188.59	\$178.81
250-279RA	DP-20A-27-S9-R	1.61	3000	3650	#16 SAE	#12 SAE	9 Tooth Spl	CW	12.55	10	\$188.59	\$178.81
250-402LA	DP-20A-40-P-L	2.44	3000	3650	#16 SAE	#12 SAE	5/8 Keyed	CCW	19.01	13	\$199.91	\$189.54
250-402RA	DP-20A-40-P-R	2.44	3000	3650	#16 SAE	#12 SAE	5/8 Keyed	CW	19.01	13	\$199.91	\$189.54
250-404LA	DP-20A-40-P1-L	2.44	3000	3650	#16 SAE	#12 SAE	3/4 Keyed	CCW	19.01	13	\$199.91	\$189.54
250-404RA	DP-20A-40-P1-R	2.44	3000	3650	#16 SAE	#12 SAE	3/4 Keyed	CW	19.01	13	\$199.91	\$189.54
250-409LA	DP-20A-40-S9-L	2.44	3000	3650	#16 SAE	#12 SAE	9 Tooth Spl	CCW	19.01	13	\$199.91	\$189.54
250-409RA	DP-20A-40-S9-R	2.44	3000	3650	#16 SAE	#12 SAE	9 Tooth Spl	CW	19.01	13	\$199.91	\$189.54

DALTON 20 Series Gear Pump

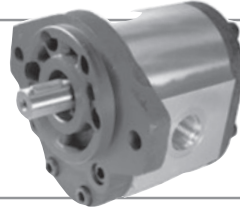


DALTON 30 Series Gear Pump PAGE 50

Model	A		B		SAE Ports	
	mm	inch	mm	inch	in	out
AP-30-22	131	5.16	66	2.60	-16	-12
AP-30-26	134	5.27	67	2.63	-16	-12
AP-30-34	139	5.47	69	2.71	-16	-12
AP-30-39	143	5.62	71	2.79	-16	-12
AP-30-43	147	5.78	73	2.87	-16	-12
AP-30-51	152	5.98	76	2.99	-20	-16
AP-30-60	158	6.22	79	3.11	-20	-16
AP-30-70	166	6.53	82	3.22	-20	-16
AP-30-78	171	6.73	85	3.34	-20	-16
AP-30-89	176	6.93	88	3.46	-20	-16

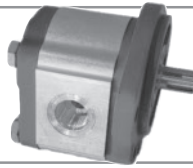
DALTON 30 Series Gear Pumps

- Patented Non-Symmetrical gears for low-noise operation.
- 2-Bolt SAE "B" Mount
- 1.625" Shaft Length

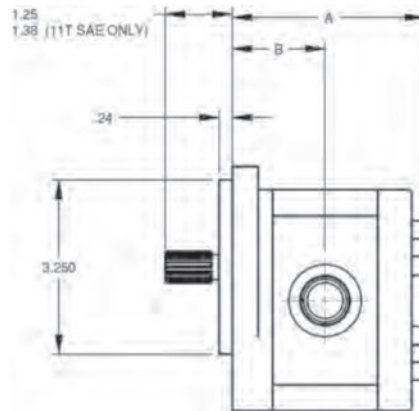
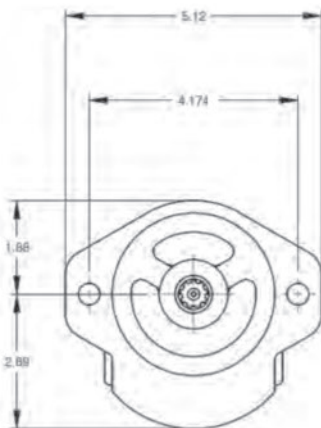


DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA- TION	GPM @ 2000RPM	WT.	1-4	5 & Up
251-191LA	DP-30-22-S13-L	1.34	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CCW	10.44	19	\$220.61	\$209.58
251-191RA	DP-30-22-S13-R	1.34	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CW	10.44	19	\$220.61	\$209.58
251-192LA	DP-30-22-P4-L	1.34	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CCW	10.44	19	\$220.61	\$209.58
251-192RA	DP-30-22-P4-R	1.34	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CW	10.44	19	\$220.61	\$209.58
251-221LA	DP-30-26-S13-L	1.59	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CCW	12.38	19	\$233.85	\$220.06
251-221RA	DP-30-26-S13-R	1.59	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CW	12.38	19	\$233.85	\$220.06
251-222LA	DP-30-26-P4-L	1.59	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CCW	12.38	19	\$233.85	\$220.06
251-222RA	DP-30-26-P4-R	1.59	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CW	12.38	19	\$233.85	\$220.06
251-271LA	DP-30-34-S13-L	2.07	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CCW	16.42	20	\$247.88	\$231.06
251-271RA	DP-30-34-S13-R	2.07	3000	3000	#16 SAE	#12 SAE	13 Tooth Spl	CW	16.42	20	\$247.88	\$231.06
251-272LA	DP-30-34-P4-L	2.07	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CCW	16.42	20	\$247.88	\$231.06
251-272RA	DP-30-34-P4-R	2.07	3000	3000	#16 SAE	#12 SAE	7/8" Keyed	CW	16.42	20	\$247.88	\$231.06
251-321LA	DP-30-43-S13-L	2.62	2800	3000	#16 SAE	#12 SAE	13 Tooth Spl	CCW	20.42	21	\$262.75	\$242.61
251-321RA	DP-30-43-S13-R	2.62	2800	3000	#16 SAE	#12 SAE	13 Tooth Spl	CW	20.42	21	\$262.75	\$242.61
251-322LA	DP-30-43-P4-L	2.62	2800	3000	#16 SAE	#12 SAE	7/8" Keyed	CCW	20.42	21	\$262.75	\$242.61
251-322RA	DP-30-43-P4-R	2.62	2800	3000	#16 SAE	#12 SAE	7/8" Keyed	CW	20.42	21	\$262.75	\$242.61
251-381LA	DP-30-51-S13-L	3.11	2400	3000	#20 SAE	#16 SAE	13 Tooth Spl	CCW	24.23	22	\$278.52	\$254.75
251-381RA	DP-30-51-S13-R	3.11	2400	3000	#20 SAE	#16 SAE	13 Tooth Spl	CW	24.23	22	\$278.52	\$254.75
251-382LA	DP-30-51-P4-L	3.11	2400	3000	#20 SAE	#16 SAE	7/8" Keyed	CCW	24.23	22	\$278.52	\$254.75
251-382RA	DP-30-51-P4-R	3.11	2400	3000	#20 SAE	#16 SAE	7/8" Keyed	CW	24.23	22	\$278.52	\$254.75
251-441LA	DP-30-60-S13-L	3.66	2800	3000	#20 SAE	#16 SAE	13 Tooth Spl	CCW	28.52	22	\$295.23	\$267.48
251-441RA	DP-30-60-S13-R	3.66	2800	3000	#20 SAE	#16 SAE	13 Tooth Spl	CW	28.52	22	\$295.23	\$267.48
251-442LA	DP-30-60-P4-L	3.66	2800	3000	#20 SAE	#16 SAE	7/8" Keyed	CCW	28.52	22	\$295.23	\$267.48
251-442RA	DP-30-60-P4-R	3.66	2800	3000	#20 SAE	#16 SAE	7/8" Keyed	CW	28.52	22	\$295.23	\$267.48
251-521LA	DP-30-70-S13-L	4.27	2500	2500	#20 SAE	#16 SAE	13 Tooth Spl	CCW	33.27	23	\$312.94	\$280.86
251-521RA	DP-30-70-S13-R	4.27	2500	2500	#20 SAE	#16 SAE	13 Tooth Spl	CW	33.27	23	\$312.94	\$280.86
251-522LA	DP-30-70-P4-L	4.27	2500	2500	#20 SAE	#16 SAE	7/8" Keyed	CCW	33.27	23	\$312.94	\$280.86
251-522RA	DP-30-70-P4-R	4.27	2500	2500	#20 SAE	#16 SAE	7/8" Keyed	CW	33.27	23	\$312.94	\$280.86
251-631LA	DP-30-78-S13-L	4.76	2300	2500	#20 SAE	#16 SAE	13 Tooth Spl	CCW	37.09	23	\$325.46	\$294.90
251-631RA	DP-30-78-S13-R	4.76	2300	2500	#20 SAE	#16 SAE	13 Tooth Spl	CW	37.09	23	\$325.46	\$294.90
251-632LA	DP-30-78-P4-L	4.76	2300	2500	#20 SAE	#16 SAE	7/8" Keyed	CCW	37.09	23	\$325.46	\$294.90
251-632RA	DP-30-78-P4-R	4.76	2300	2500	#20 SAE	#16 SAE	7/8" Keyed	CW	37.09	23	\$325.46	\$294.90
251-731LA	DP-30-89-S13-L	5.43	2000	2500	#20 SAE	#16 SAE	13 Tooth Spl	CCW	42.31	24	\$338.48	\$309.64
251-731RA	DP-30-89-S13-R	5.43	2000	2500	#20 SAE	#16 SAE	13 Tooth Spl	CW	42.31	24	\$338.48	\$309.64
251-732LA	DP-30-89-P4-L	5.43	2000	2500	#20 SAE	#16 SAE	7/8" Keyed	CCW	42.31	24	\$338.48	\$309.64
251-732RA	DP-30-89-P4-R	5.43	2000	2500	#20 SAE	#16 SAE	7/8" Keyed	CW	42.31	24	\$338.48	\$309.64

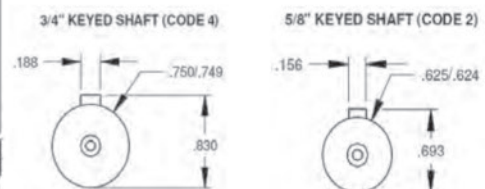
Reversible Gear Sets
Cast iron front and back covers
Working Pressure up to 3600 PSI
Viton Seals Available
SAE "A" Mount



DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA- TION	GPM @ 2500RPM	WT.	LIST PRICE	Each
250-62R-W	WPA06A2R	0.4	4000	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	3.99	8	\$337.00	\$272.97
250-63R-W	WPA06A3R	0.4	4000	3600	#12 SAE	#10 SAE	11 Tooth Spl	CW	3.99	8	\$337.00	\$272.97
250-69R-W	WPA06A9R	0.4	4000	3600	#12 SAE	#10 SAE	9 Tooth Spl	CW	3.99	8	\$337.00	\$272.97
250-82L-W	WPA08A2L	0.5	3500	3600	#12 SAE	#10 SAE	5/8 Keyed	CCW	5.03	8	\$342.00	\$277.02
250-82R-W	WPA08A2R	0.5	3500	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	5.03	8	\$342.00	\$277.02
250-84R-W	WPA08A4R	0.5	3500	3600	#12 SAE	#10 SAE	3/4 Keyed	CW	5.03	8	\$342.00	\$277.02
250-89L-W	WPA08A9L	0.5	3500	3600	#12 SAE	#10 SAE	9 Tooth Spl	CCW	5.03	8	\$342.00	\$277.02
250-102R-W	WPA10A2R	0.65	3500	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	6.51	8	\$349.00	\$282.69
250-104R-W	WPA10A4R	0.65	3500	3600	#12 SAE	#10 SAE	3/4 Keyed	CW	6.51	8	\$349.00	\$282.69
250-112R-W	WPA11A2R	0.68	3500	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	7.22	8	\$351.00	\$282.69
250-119R-W	WPA11A9R	0.68	3500	3600	#12 SAE	#10 SAE	9 Tooth Spl	CW	7.55	8	\$351.00	\$282.69
250-142R-W	WPA14A2R	0.84	3500	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	8.47	9	\$353.00	\$285.93
250-144L-W	WPA14A4L	0.84	3500	3600	#12 SAE	#10 SAE	3/4 Keyed	CW	8.47	9	\$353.00	\$285.93
250-149R-W	WPA14A9R	0.84	3500	3600	#12 SAE	#10 SAE	9 Tooth Spl	CW	8.47	9	\$353.00	\$285.93
250-162L-W	WPA16A2L	1.01	3000	3600	#12 SAE	#10 SAE	5/8 Keyed	CCW	10.19	9	\$366.00	\$296.46
250-162R-W	WPA16A2R	1.01	3000	3600	#12 SAE	#10 SAE	5/8 Keyed	CW	10.19	9	\$366.00	\$296.46
250-164R-W	WPA16A4R	1.01	3000	3600	#12 SAE	#10 SAE	3/4 Keyed	CW	10.19	9	\$366.00	\$296.46
250-169R-W	WPA16A9R	1.01	3000	3600	#12 SAE	#10 SAE	9 Tooth Spl	CW	10.19	9	\$366.00	\$296.46
250-192R-W	WPA19A2R	1.18	3000	3200	#12 SAE	#10 SAE	5/8 Keyed	CW	11.91	9	\$376.00	\$304.56
250-194L-W	WPA19A4L	1.18	3000	3200	#12 SAE	#10 SAE	3/4 Keyed	CW	11.91	9	\$376.00	\$304.56
250-199L-W	WPA19A9L	1.18	3000	3200	#12 SAE	#10 SAE	9 Tooth Spl	CCW	11.91	9	\$376.00	\$304.56
250-199R-W	WPA19A9R	1.18	3000	3200	#12 SAE	#10 SAE	9 Tooth Spl	CW	11.91	9	\$376.00	\$304.56
250-232R-W	WPA23A2R	1.37	2750	2900	#12 SAE	#10 SAE	5/8 Keyed	CC	14.06	10	\$383.00	\$310.23
250-239R-W	WPA23A9R	1.37	2750	2900	#12 SAE	#10 SAE	9 Tooth Spl	CW	14.06	10	\$383.00	\$310.23
250-262R-W	WPA26A2R	1.58	2500	2600	#12 SAE	#10 SAE	5/8 Keyed	CW	15.84	10	\$388.00	\$314.28
250-269R-W	WPA26A9R	1.58	2500	2600	#12 SAE	#10 SAE	9 Tooth Spl	CW	15.84	10	\$388.00	\$314.28
250-WPA	PMCK-WPA										\$93.00	\$83.50



SHAFT OPTIONS



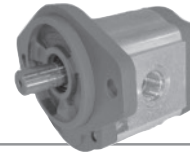
SPLINED SHAFT OPTIONS

SHAFT CODE 9
9 TOOTH SAE
16/32 DP
30° PA

SHAFT CODE 3
11T SAE
16/32 DP
30° PA

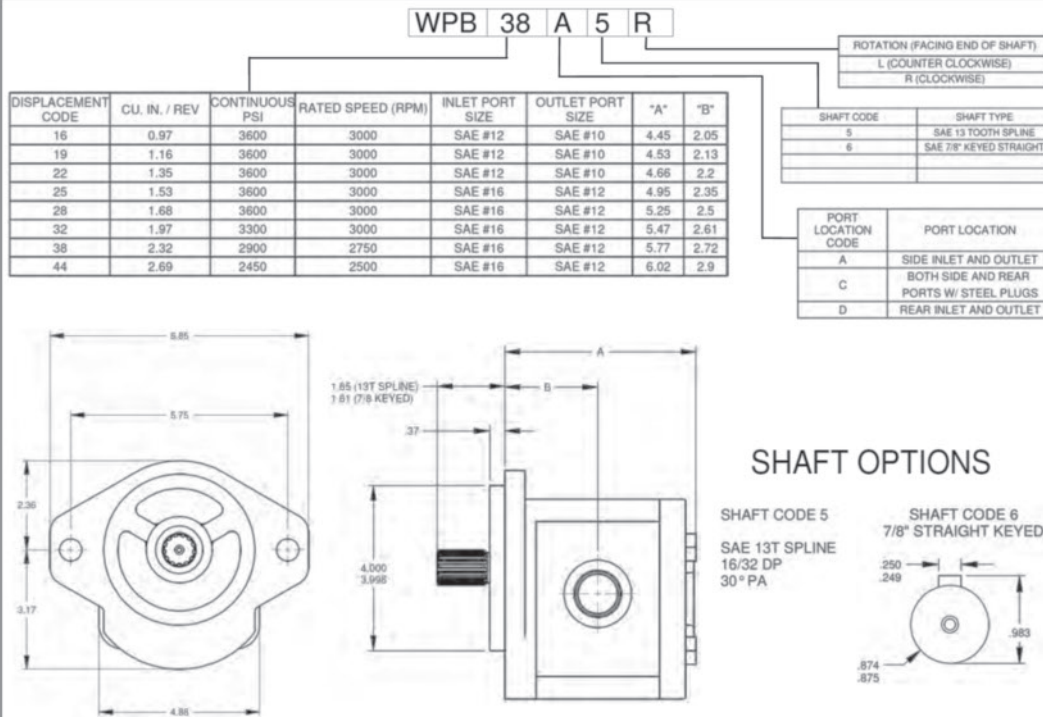
Hydraulic Pumps

Reversible Gear Sets
Cast iron front and back covers
Working Pressure up to 3600 PSI
Viton Seals Available
SAE "B" Mount



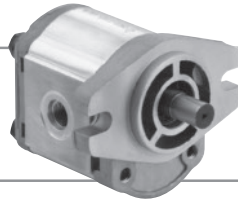
DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA- TION	GPM @ 2500RPM	WT.	LIST PRICE	EACH
250-195R-W	WPB19A5R	1.16	3000	3600	#12 SAE	#10 SAE	13 Tooth Spl	CW	11.85	8	\$523.00	\$423.63
250-226R-W	WPB22A6R	1.35	3000	3600	#12 SAE	#10 SAE	7/8 Keyed	CW	13.63	8	\$544.00	\$440.64
250-286R-W	WPB28A6R	1.68	3000	3600	#16 SAE	#12 SAE	7/8 Keyed	CW	16.94	10	\$557.00	\$451.17
250-326R-W	WPB32A6R	1.97	3000	3300	#16 SAE	#12 SAE	7/8 Keyed	CW	19.89	11	\$567.00	\$459.27
250-385L-W	WPB38A5L	2.32	2750	2900	#16 SAE	#12 SAE	13 Tooth Spl	CCW	23.39	11	\$589.00	\$477.09
250-385R-W	WPB38A5R	2.32	2750	2900	#16 SAE	#12 SAE	13 Tooth Spl	CW	23.39	11	\$589.00	\$477.09
250-386L-W	WPB38A6L	2.32	2750	2900	#16 SAE	#12 SAE	7/8 Keyed	CCW	23.39	11	\$589.00	\$477.09
250-386R-W	WPB38A6R	2.32	2750	2900	#16 SAE	#12 SAE	7/8 Keyed	CW	23.39	11	\$589.00	\$477.09
250-445R-W	WPB44A5R	2.69	2500	2450	#16 SAE	#12 SAE	13 Tooth Spl	CW	27.13	12	\$596.00	\$482.76
250-446R-W	WPB44A6R	2.69	2500	2450	#16 SAE	#12 SAE	7/8 Keyed	CW	27.13	12	\$728.00	\$589.68
250-WPB	Packing Kit										\$93.00	\$89.75

WPB B FLANGE GEAR PUMPS Specifications & Dimensional Data



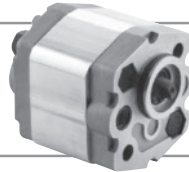
MODEL		RPM						PRESSURE (PSI)
		500	1000	1500	2000	2500	3000	
WPB19	FLOW (GPM)	2.17	4.59	7.03	9.38	11.85	14.37	3600
	INPUT HP	6.13	12.27	18.40	24.53	30.67	36.80	
WPB22	FLOW (GPM)	2.49	5.27	8.09	10.78	13.63	16.53	
	INPUT HP	7.05	14.11	21.16	28.22	35.27	42.33	
WPB28	FLOW (GPM)	3.10	6.56	10.06	13.41	16.94	20.55	
	INPUT HP	8.77	17.54	26.31	35.08	43.85	52.62	
WPB32	FLOW (GPM)	3.64	7.70	11.80	15.74	19.89	24.12	3000
	INPUT HP	9.47	18.94	28.42	37.89	47.36	56.83	
WPB38	FLOW (GPM)	4.27	9.05	13.88	18.51	23.39		
	INPUT HP	9.69	19.37	29.06	38.74	48.43		
WPB44	FLOW (GPM)	4.96	10.50	16.10	21.47	27.13		2500
	INPUT HP	9.55	19.10	28.65	38.20	47.76		

DALTON MG-3 2-Bolt AA Gear Pumps



DBH Part #	Cu In. Disp	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTATION	GPM @ 1800 RPM	WT	Each
DALTON MG-3 - SAE "AA" 2-BOLT										
256-231R	0.07	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	0.55	2	122.14
256-231L	0.07	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	0.55	2	122.14
256-232R	0.12	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	0.94	2	127.19
256-232L	0.12	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	0.94	2	127.19
256-233R	0.16	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	1.25	3	128.88
256-233L	0.16	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	1.25	3	128.88
256-234R	0.20	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	1.56	3	131.24
256-234L	0.20	5000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	1.56	3	131.24
256-235R	0.25	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	1.95	3	137.30
256-235L	0.25	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	1.95	3	137.30
256-236R	0.31	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	2.42	4	139.66
256-236L	0.31	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	2.42	4	139.66
256-237R	0.37	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CW	2.88	4	142.35
256-237L	0.37	4000	3625	#8 SAE	#6 SAE	1/2" Straight Keyed	CCW	2.88	4	142.35

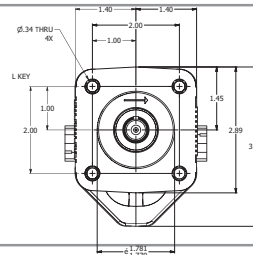
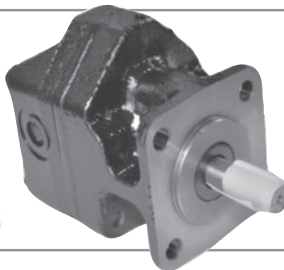
DALTON Miniature & Small Displacement Gear Pumps



DBH Part #	Cu In. Disp	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTATION	GPM @ 1800 RPM	WT	Each
DALTON MG-1										
256-211R	0.06	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	0.47	1.7	127.46
256-212R	0.07	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	0.55	1.75	127.46
256-213R	0.09	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	0.70	1.8	128.17
256-214R	0.10	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	0.78	1.8	128.17
256-215R	0.12	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	0.94	1.8	128.17
256-216R	0.16	6000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	1.25	1.9	129.91
256-217R	0.19	5000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	1.48	1.9	129.91
256-218R	0.22	4500	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	1.71	2	134.79
256-219R	0.25	4000	3650	3/8 NPT	3/8 NPT	Flat Tang	CW	1.95	2	134.79
256-220R	0.29	3500	2900	3/8 NPT	3/8 NPT	Flat Tang	CW	2.26	2	136.16
256-221R	0.35	2900	2900	3/8 NPT	3/8 NPT	Flat Tang	CW	2.73	2	136.95
256-222R	0.48	2100	2900	3/8 NPT	3/8 NPT	Flat Tang	CW	3.74	2.5	138.47

200 Series Small Displacement Gear Pumps

- Side Port Location
- Standard Shaft Seal
- CW Rotation

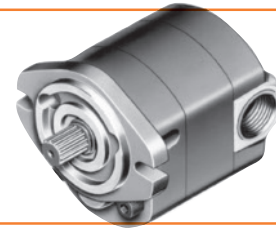


DBH Part #	Cu In. Disp	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	SHAFT EXTENSION	ROTATION	WT	Each
259-101	0.067	3600	3000	#6 SAE	#6 SAE	1/2" Straight Keyed	1.50"	CW	1.7	194.28
259-102	0.097	3600	3000	#6 SAE	#6 SAE	1/2" Straight Keyed	1.50"	CW	1.75	198.89
259-103	0.129	3600	3000	#8 SAE	#6 SAE	1/2" Straight Keyed	1.50"	CW	1.8	201.82
259-104	0.192	3600	3000	#8 SAE	#6 SAE	1/2" Straight Keyed	1.50"	CW	1.8	201.82
259-105	0.251	3600	2300	#8 SAE	#8 SAE	1/2" Straight Keyed	1.50"	CW	1.8	206.34
259-106	0.277	3600	2100	#8 SAE	#8 SAE	1/2" Straight Keyed	1.50"	CW	1.9	209.36
259-107	0.323	3600	1900	#10 SAE	#8 SAE	1/2" Straight Keyed	1.50"	CW	1.9	212.36
259-108	0.434	3600	1600	#10 SAE	#10 SAE	1/2" Straight Keyed	1.50"	CW	2	216.88
259-109	0.479	3600	1300	#10 SAE	#10 SAE	1/2" Straight Keyed	1.50"	CW	2	219.89

Hydraulic Pumps

CROSS 40 Series Gear Pumps

- CW, CCW, or Dual Rotation Available
- 5/8" Splined or Keyed Shaft
- Maximum Flow Rate 17.5 GPM
- SAE "A" Mount
- Maximum HP= 41 HP
- Buna N Seals



DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA-TION	GPM @ 2000RPM	WT.	LIST PRICE	1-4	5 & Up
206-051L	40PO05 LAASA	0.5	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	3.5	5	\$261.64	\$224.90	\$201.41
206-051R	40PO05 RAASA	0.5	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	3.5	5	\$261.64	\$224.90	\$201.41
206-052L	40PO05 LACSA	0.5	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	3.5	5	\$261.64	\$224.90	\$201.41
206-052R	40PO05 RACSA	0.5	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	3.5	5	\$261.64	\$224.90	\$201.41
206-051D	40PH05 DAASC	0.5	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	3.5	5	\$306.85	\$263.78	\$236.22
206-052D	40PH05 DACSC	0.5	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	3.5	5	\$306.85	\$263.78	\$236.22
206-071L	40PO07 LAASA	0.75	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	5.5	7	\$276.69	\$237.97	\$213.00
206-071R	40PO07 RAASA	0.75	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	5.5	7	\$276.69	\$237.97	\$213.00
206-072L	40PO07 LACSA	0.75	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	5.5	7	\$276.69	\$237.97	\$213.00
206-072R	40PO07 RACSA	0.75	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	5.5	7	\$276.69	\$237.97	\$213.00
206-071D	40PH07 DAASC	0.75	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	5.5	7	\$321.88	\$290.54	\$247.80
206-072D	40PH07 DACSC	0.75	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	5.5	7	\$321.88	\$290.54	\$247.80
206-101L	40PO10 LAASA	1.0	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	7.4	8	\$291.36	\$262.99	\$224.26
206-101R	40PO10 RAASA	1.0	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	7.4	8	\$291.36	\$262.99	\$224.26
206-102L	40PO10 LACSA	1.0	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	7.4	8	\$291.36	\$262.99	\$224.26
206-102R	40PO10 RACSA	1.0	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	7.4	8	\$291.36	\$262.99	\$224.26
206-101D	40PH10 DAASC	1.0	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	7.4	8	\$336.58	\$289.34	\$268.86
206-102D	40PH10 DACSC	1.0	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	7.4	8	\$336.58	\$289.34	\$268.86
206-121L	40PO12 LAASA	1.25	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	9.7	8	\$306.21	\$276.39	\$259.11
206-121R	40PO12 RAASA	1.25	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	9.7	8	\$306.21	\$276.39	\$259.11
206-122L	40PO12 LACSA	1.25	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	9.7	8	\$306.21	\$276.39	\$259.11
206-122R	40PO12 RACSA	1.25	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	9.7	8	\$306.21	\$276.39	\$259.11
206-121D	40PH12 DAASC	1.25	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	9.7	8	\$351.73	\$302.36	\$270.77
206-122D	40PH12 DACSC	1.25	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	9.7	8	\$351.73	\$302.36	\$270.77
206-151L	40PO15 LAASA	1.50	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	11.7	10	\$321.16	\$276.08	\$259.59
206-151R	40PO15 RAASA	1.50	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	11.7	10	\$321.16	\$276.08	\$259.59
206-152L	40PO15 LACSA	1.50	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	11.7	10	\$321.16	\$276.08	\$259.59
206-152R	40PO15 RACSA	1.50	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	11.7	10	\$321.16	\$276.08	\$259.59
206-151D	40PH15 DAASC	1.50	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	11.7	10	\$366.60	\$315.14	\$282.23
206-152D	40PH15 DACSC	1.50	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	11.7	10	\$366.60	\$315.14	\$282.23
206-181L	40PO18 LAASA	1.80	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CCW	14.0	11	\$335.89	\$346.66	\$258.58
206-181R	40PO18 RAASA	1.80	3600	3000	#16 SAE	#12 SAE	9 Tooth Spl	CW	14.0	11	\$335.89	\$346.66	\$258.58
206-182L	40PO18 LACSA	1.80	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CCW	14.0	11	\$335.89	\$346.66	\$258.58
206-182R	40PO18 RACSA	1.80	3600	3000	#16 SAE	#12 SAE	5/8 Keyed	CW	14.0	11	\$335.89	\$346.66	\$258.58
206-181D	40PH18 DAASC	1.80	3600	3000	#12 SAE	#12 SAE	9 Tooth Spl	Dual	14.0	11	\$380.67	\$327.24	\$293.06
206-182D	40PH18 DACSC	1.80	3600	3000	#12 SAE	#12 SAE	5/8 Keyed	Dual	14.0	11	\$380.67	\$327.24	\$293.06

CROSS 50 Series Gear Pumps

- CW, CCW, or Dual Rotation Available
- 7/8" Splined or Keyed Shaft
- Maximum Flow Rate 45 GPM
- SAE "B" Mount
- Max HP= 78 HP



DBH Part #	MFG Part #	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA-TION	GPM @ 2000RPM	WT.	LIST PRICE	1-4	5 & Up
207-151D	50PH15 DBASC	1.52	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	11.8	19	\$542.64	\$424.47	\$352.43
207-152D	50PH15 DBCSC	1.52	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	11.8	19	\$542.64	\$424.47	\$352.43
207-191D	50PH19 DBASC	1.95	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	15.2	19	\$542.64	\$424.47	\$352.43
207-192D	50PH19 DBCSC	1.95	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	15.2	19	\$542.64	\$424.47	\$352.43
207-231D	50PH23 DBASC	2.32	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	18.1	19	\$562.42	\$440.51	\$365.27
207-232D	50PH23 DBCSC	2.32	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	18.1	19	\$562.42	\$440.51	\$365.27
207-271D	50PH27 DBASC	2.74	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	21.4	19	\$576.22	\$451.33	\$374.23
207-272D	50PH27 DBCSC	2.74	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	21.4	19	\$576.22	\$451.33	\$374.23
207-331D	50PH33 DBASC	3.30	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	25.7	19	\$629.50	\$493.05	\$408.84
207-332D	50PH33 DBCSC	3.30	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	25.7	19	\$629.50	\$493.05	\$408.84
207-381D	50PH38 DBASC	3.80	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	29.6	19	\$629.50	\$493.05	\$408.84
207-382D	50PH38 DBCSC	3.80	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	29.6	19	\$629.50	\$493.05	\$408.84
207-521D	50PH52 DBASC	5.20	3000	3000	#16 SAE	#16 SAE	13 Tooth Spl	Dual	40.6	19	\$845.69	\$662.40	\$549.26
207-522D	50PH52 DBCSC	5.20	3000	3000	#16 SAE	#16 SAE	7/8 Keyed	Dual	40.6	19	\$845.69	\$662.40	\$549.26

PTO Tractor Pumps

- 2250 PSI Max
- Slips onto Tractor PTO Shaft
- Self Adjusting Wear Plates
- Rear Porting available- Use letter code "R" instead of "A" (ex. HC-PTO-1R)



DBH Part #	MFG NO.	CU IN. DISP	PORT IN	PORT OUT	SHAFT SIZE	MAX RPM	GPM	WT.	LIST PRICE	Each
Aluminum Center Section										
255-001	HC PTO-1A	9.9	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	21.0	37	\$1590.00	\$1192.50
255-002	HC PTO-2A	5.7	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	11.6	33	\$1529.00	\$1146.75
255-003	HC PTO-3A	5.7	#16 SAE	#12 SAE	1 3/8 - 21 TOOTH	1000	22.6	33	\$1576.00	\$1182.00
255-009	HC PTO-9A	7.8	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	16.9	35	\$1767.00	\$1325.25
255-011	HC-P-K11	9.9	#20 SAE	#16 SAE	1 3/8 - 21 TOOTH	1000	40.0	37	\$1590.00	\$1192.50

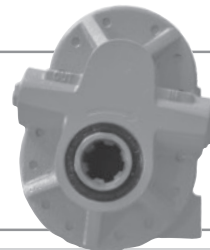
Cast-Iron Center Section										
255-101	HC PTO-1AC	9.9	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	21.0	51	\$1824.00	\$1368.00
255-102	HC PTO-2AC	5.7	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	11.6	41	\$1746.00	\$1309.50
255-111	HC-P-K11-C	9.9	#20 SAE	#16 SAE	1 3/8 - 21 TOOTH	1000	40.0	51	\$1820.00	\$1365.00

PTO Seal Kit & Accessories

DBH Part #	MFG Part#	Description	WT.	Each
203-255	PMCK-PTO-1A	PTO Pump Seal Kit	1	152.50
255-908	180900877	PTO Torque Arm	2	197.56

PTO Tractor Pumps

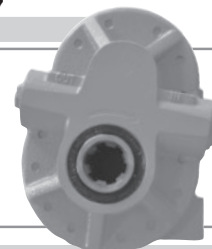
- 2500 PSI Max
- Slips onto Tractor PTO Shaft



DBH Part #	CU IN. DISP	PORT IN	PORT OUT	SHAFT SIZE	MAX RPM	GPM @2000 PSI	WT.	Each
Aluminum Housing								
255-101-A	9.76	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	20.7	40	\$507.57
255-102-A	5.50	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	11.0	36	\$507.57
255-109-A	7.6	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	16.61	39	\$545.85
255-103-A	5.5	#16 SAE	#12 SAE	1 3/8 - 21 TOOTH	1000	21.62	39	\$566.78
255-107-A	3.41	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	6.8	39	\$575.08
261-255 SEAL KIT								\$82.17

WOLVERINE PTO Tractor Pumps

- 2500 PSI Max
- Slips onto Tractor PTO Shaft



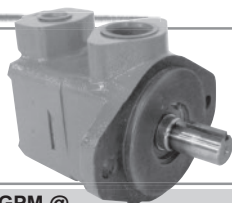
DBH Part #	CU IN. DISP	PORT IN	PORT OUT	SHAFT SIZE	MAX RPM	GPM @2000 PSI	WT.	Each
Aluminum Housing								
255-001-W	9.8	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	21.0	45	\$625.00
255-002-W	5.5	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	11.0	41	\$583.33
255-007-W	3.6	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	7.0	37	\$583.33
255-008-W	3.6	#16 SAE	#12 SAE	1 3/8 - 21 TOOTH	1000	13.0	38	\$583.33
255-009-W	7.6	#16 SAE	#12 SAE	1 3/8 - 6 TOOTH	540	17.0	43	\$583.33
255-011-W	9.8	#20 SAE	#16 SAE	1 3/8 - 21 TOOTH	1000	40.0	45	\$591.12 *Rear Ports*
SEAL KIT								\$117.83

Hydraulic Pumps

Vane Pumps

SAE "A" Mount

- 3/4" X 1-3/4" Straight Shaft
- 2250 PSI Max.
- 4000 Max RPM



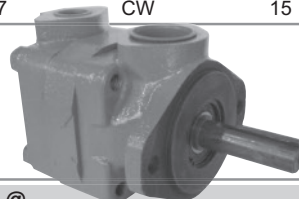
FULL LINE
AVAILABLE

DBH Part #	MFG NO.	INLET PORT	OUTLET PORT	GPM @ 1200RPM	ROTATION	WT.	EACH
258-101	10-1P1P-1A20	1" NPT	1/2" NPT	1	CW	15	264.17
258-121	10-1P1P-1C20	1" NPT	1/2" NPT	1	CW	15	264.17
258-102	10-1P2P-1A20	1" NPT	1/2" NPT	2	CW	15	264.17
258-103	10-1P3P-1A20	1" NPT	1/2" NPT	3	CW	15	264.17
258-104	10-1P4P-1A20	1" NPT	1/2" NPT	4	CW	15	264.17
258-105	10-1P5P-1A20	1" NPT	1/2" NPT	5	CW	15	264.17
258-106	10-1P6P-1A20	1" NPT	1/2" NPT	6	CW	15	264.17
258-107	10-1P7P-1A20	1" NPT	1/2" NPT	7	CW	15	264.17

Vane Pumps

SAE "A" Mount

- 3/4" X 2.655" Straight Shaft
- 2500 PSI Max.
- 4000 Max RPM

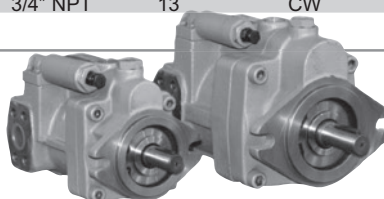


DBH Part #	MFG NO.	INLET PORT	OUTLET PORT	GPM @ 1200RPM	ROTATION	WT.	EACH
258-208	20-1P8P-1A	1.25" NPT	3/4" NPT	8	CW	18	306.86
258-228	20-1P8P-1C	1.25" NPT	3/4" NPT	8	CW	18	306.86
258-209	20-1P9P-1A	1.25" NPT	3/4" NPT	9	CW	18	306.86
258-211	20-1P11P-1A	1.25" NPT	3/4" NPT	11	CW	18	306.86
258-212	20-1P12P-1A	1.25" NPT	3/4" NPT	12	CW	18	306.86
258-213	20-1P13P-1C	1.25" NPT	3/4" NPT	13	CW	18	306.86

Piston Pumps

Variable Displacement Pressure Compensated

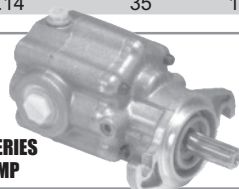
- 3000 PSI Max
- CW Rotation



DBH Part #	MFG NO.	Cu. In. Displ.	CC Displ.	GPM @ No Load	MOUNT	Shaft	WT.	EACH
258-501	PCP-4	0.49	8	3.8	SAE A	.75	17	823.25
258-503	PCP-8	1.01	16.5	7.8	SAE A	.75	23	883.37
258-504	PCP-10	1.34	22.2	10.5	SAE A	.75	23	953.85
258-506	PCP-16	2.14	35	16.6	SAE B	.875	51	1019.27

WEBSTER Gear Pumps

YB SERIES
PUMP



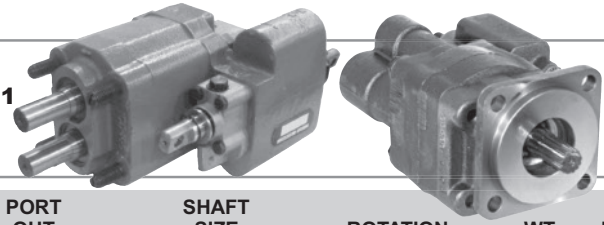
YC SERIES
PUMP



DBH Part #	MFG NO.	CU IN. DISP	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTATION	GPM @ 1800	WT.	Each
YB SERIES											
256-015	15YBAD012-2RB	0.146	4000	2500	3/8 NPTF	3/8 NPTF	9/16 Straight Keyed	CW	0.9	2	325.06
256-022	22YBAD012-2RB	0.219	4000	2000	3/8 NPTF	3/8 NPTF	9/16 Straight Keyed	CW	1.5	2	328.94
256-029	29YBAD012-2RB	0.293	4000	2000	3/8 NPTF	3/8 NPTF	9/16 Straight Keyed	CW	2.0	2	340.64
256-058	58YBAD032-2RB	0.586	3000	2000	1/2 NPTF	3/8 NPTF	9/16 Straight Keyed	CW	4.5	3	367.91
256-073	73YBAD032-2RB	0.732	2500	2000	1/2 NPTF	3/8 NPTF	9/16 Straight Keyed	CW	5.4	3	389.34
YC SERIES											
256-116	116YC000101-RF	1.16	2500	2500	3/4 NPTF	1/2 NPTF	3/4 Straight Keyed	CW	8.7	2	395.18
256-116L	116YC000101-LF	1.16	2500	2500	3/4 NPTF	1/2 NPTF	3/4 Straight Keyed	CCW	8.7	2	408.17
256-155	155YC000201-RF	1.55	2500	2500	1 NPTF	1/2 NPTF	3/4 Straight Keyed	CW	11.8	3	430.03
256-155L	155YC000201-LF	1.55	2500	2500	1 NPTF	1/2 NPTF	3/4 Straight Keyed	CCW	11.8	3	430.03
256-194	194YC000201-RF	1.94	2500	2500	1 NPTF	1/2 NPTF	3/4 Straight Keyed	CW	14.8	3	430.03

C Series Dump Pump

C101



DBH Part #	REPLACES MFG#	GPM @ 1800 RPM	Max RPM	PORT IN	PORT OUT	SHAFT SIZE	ROTATION	WT	Each
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REMOTE MOUNT

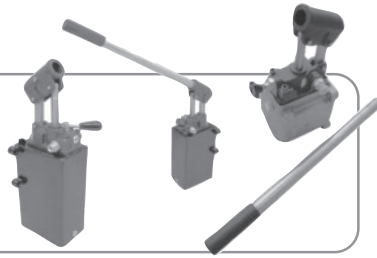
256-102	C101	49 GPM	2400	1-1/4" NPT	1" NPT	1" Straight Keyed	Dual Rotation	75	645.18
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DIRECT MOUNT

256-103	C102	49 GPM	2400	1-1/4" NPT	1" NPT	7/8"-13 Tooth Spline	Factory Set	75	645.18
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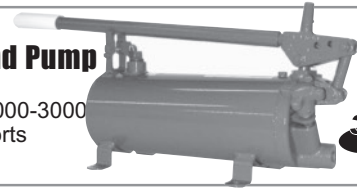
Hand Pumps

- PSI Range 1000-3500
- SA Series = Single Acting
- DA Series = Double Acting
- 1.5 & 2.1 CI per cycle



PRINCE Hand Pump

- PSI Range 1000-3000
- 3/8" NPTF Ports



**3-Year
Warranty**

DBH Part #	MFGR. NO.	CI PER CYCLE	SA/ DA.	EACH
250-580	WHP-15-DA	1.5	D/A	207.87
250-581	WHP-21-DA	2.1	D/A	213.19
250-582	WHP-15-SA	1.5	S/A	191.88
250-583	WHP-21-SA	2.1	S/A	211.82
250-580-13	WHP-T-300	1.3 Gallon Steel Tank		83.14
250-580-8	WHP-T-180	.8 Gallon Steel Tank		63.95
250-580-25	WHP-T-60	.25 Gallon Aluminum Tank		53.31



DBH Part #	MFGR. NO.	TANK SIZE	WT.	EACH
250-561	PM-HP-5B	1/2 Gal	27	1053.81
250-560-SK	Seal Kit		1	85.64

SAE Pump Flange



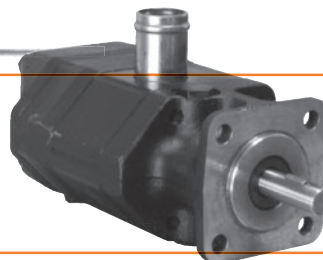
DBH Part #	Thread Size	Bolt Centers	Width	HEIGHT	Thickness	EACH
469-812-A	3/4" NPTF	1.88"	2.56"	1.97"	1.42"	25.80
469-813-A	1" NPTF	2.06"	2.76"	2.17"	1.50"	27.39
469-814-A	1 1/4" NPTF	2.31"	3.11"	2.68"	1.61"	30.69
469-815-A	2" NPTF	3.06"	4.02"	3.54"	1.77"	58.29
469-816-A	1 1/2" NPTF	2.75"	3.66"	3.07"	1.77"	45.71

Logsplitters Components

MTE 2-Stage Logsplitter Pumps

- 4 Bolt Flange (4F17)
- Internal unloading valve diverts high-volume flow at minimum pressure when high-pressure flow is required. Designed to direct couple to gas or electric motors.
- ** 2 Bolt Mount

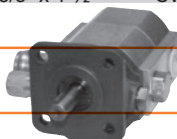
BEST SELLER
AVAILABLE FOR
SAME DAY SHIPPING



DBH Part #	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA-TION	GPM Hi / Lo	INPUT HP Rec'd	WT.	EACH
257-007	3800	3000	3/4" NPTF	1/2" NPTF	1/2" x 1-1/2"	CW	7 / 3	3	7	209.99
257-011	3800	3000	1" tube	1/2" NPTF	1/2" x 1-1/2"	CW	11 / 3	6	9	213.51
257-016	3600	3000	1" tube	1/2" NPTF	1/2" x 1-1/2"	CW	16 / 5	8	11	257.75
257-022**	3600	3000	1-1/4" tube	3/4" NPTF	5/8" x 1-1/4"	CW	22 / 6.5	12	22	473.50
257-028**	3600	3000	1-1/4" tube	1" NPTF	5/8" x 1 1/2"	CW	28 / 6.5	16	23	484.52
257-128**	3600	3000	1-1/4" tube	1" NPTF	5/8" x 1-1/2"	CW	28 / 6.5	16	23	553.99

DALTON 2-Stage Logsplitter Pumps

257-031



257-035



DBH Part #	MAX RPM	MAX PSI	PORT IN	PORT OUT	SHAFT SIZE	ROTA-TION	GPM Hi / Lo	INPUT HP Rec'd	WT.	EACH
257-031	3800	3000	1" tube	1/2" NPTF	1/2" x 1-1/2"	CW	11 / 3	6	7	162.09
257-032	3600	3000	1" tube	1/2" NPTF	1/2" x 1-1/2"	CW	16 / 5	8	9	184.37
257-035	3600	3000	1" NPTF	3/4" NPTF	5/8" x 1 1/2"	CW	22 / 6.5	12	24	311.78
257-036	3600	3000	1" NPTF	3/4" NPTF	5/8" x 1 1/2"	CW	28 / 6.5	16	26	409.29

Logsplitter Components

30 GPM Log Splitter Valve

- Pressure Release Detent at end of Stroke
- Relief Set to 2250 PSI- MAX 3,265 PSI
- Max 30 GPM
- Small Footprint



DBH Part #	Mfg Part #	Spool Type	Spool Action	I/O Port	Work Port	Wt.	List	Each
222-080	WLS-800	4-Way/3-Pos	Detent Return w/ Kickout	3/4" NPTF	1/2" NPTF	10	\$130.00	\$97.24
222-081	660170079	Handle Kit						\$38.44
222-082	660170080	Seal Kit						\$87.56

Logsplitter Detent Valve

- 3,000 PSI
- Detent Return with Kickout
- 4 Way/ 3 Position



DBH Part #	GPM	I/O Ports	Work Ports	WT.	SPECIAL PRICE
222-092-I	25	3/4" NPT	1/2" NPT	10	\$96.00

Small Footprint Logsplitter Detent Valve

- * Flow rating up to 18 GPM
- * Working Pressure: 3,265psi
- * Relief valve adjustable to 3500 psi, preset at 2,250PSI



DBH Part #	GPM	I/O Ports	Work Ports	WT.	SPECIAL PRICE
222-090	18	3/4" NPT	1/2" NPT	6	\$81.51

Logsplitter Cylinders

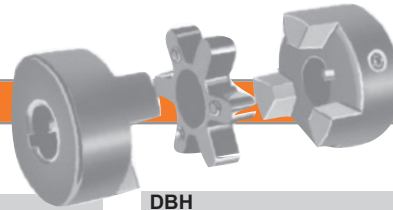
- Clevis on base end, hole in rod
- 3500 PSI



DBH Part #	Bore	Stroke (in)	Rod Dia.	Retract Length	Port Type	Pin Hole Dia.	Clevis Pin Dia.	WT	Each
DBH-4024-LS	4	24	1 3/4"	32.5	#8 SAE	1/2"	1.25"	61	\$313.63
DBH-4524-LS	4.5	24	1 3/4"	32.5	#8 SAE	1/2"	1.25"	69	\$376.35
DBH-5024-LS	5	24	2"	32.5	#8 SAE	1/2"	1.25"	83	\$439.09

Pump/Motor Mounting

I Series Jaw Couplers



All couplings are Halves -Order 1 for motor, 1 for Pump + Spider

DBH Part #	ID	OD	Keyway	HP @ 3600 RPM	1-9	10-UP
075 SERIES						
720-703	3/8	1 3/4	Plain Bore	5	8.72	8.05
720-704	7/16	1 3/4	3/32	5	8.72	8.05
720-705	1/2	1 3/4	1/8	5	8.72	8.05
720-706	5/8	1 3/4	3/16	5	8.72	8.05
720-708	3/4	1 3/4	3/16	5	8.72	8.05
720-709	7/8	1 3/4	3/16	5	8.72	8.05
720-700	Buna Spider	.5" Thickness		5	6.42	5.78
720-700-UUrethane Spider		.5" Thickness		7.5	9.13	7.70

090 SERIES						
720-901	7/16	2 7/64	3/32	8	12.23	11.19
720-902	1/2	2 7/64	1/8	8	12.23	11.19
720-903	5/8	2 7/64	3/16	8	12.23	11.19
720-904	3/4	2 7/64	3/16	8	12.23	11.19
720-908	7/8	2 7/64	3/16	8	12.23	11.19
720-905	1	2 7/64	1/4	8	12.23	11.19
720-900	Buna Spider	.53" Thickness		8	9.62	8.09
720-900-UUrethane Spider		.53" Thickness		12	12.83	11.55

095 SERIES						
720-950	7/16	2 7/64	3/32	11	15.34	14.49
720-951	1/2	2 7/64	1/8	11	15.34	14.49
720-952	9/16	2 7/64	1/8	11	15.34	14.49
720-953	5/8	2 7/64	3/16	11	15.34	14.49
720-954	3/4	2 7/64	3/16	11	15.34	14.49
720-957	7/8	2 7/64	3/16	11	15.34	14.49
720-955	1	2 7/64	1/4	11	15.34	14.49
720-956	1 1/8	2 7/64	1/4	11	15.34	14.49
720-900	Buna Spider	.5" Thickness		11	9.62	8.08
720-900-UUrethane Spider		.5" Thickness		16.5	12.83	11.55

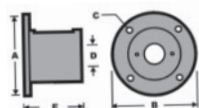
100 SERIES						
720-101	7/16	2 17/32	3/32	22	21.22	20.16
720-102	1/2	2 17/32	1/8	22	21.22	20.16
720-103	5/8	2 17/32	3/16	22	21.22	20.16
720-104	3/4	2 17/32	3/16	22	21.22	20.16
720-109	7/8	2 17/32	3/16	22	21.22	20.16
720-105	1	2 17/32	1/4	22	21.22	20.16
720-106	1 1/8	2 17/32	1/4	22	21.22	20.16
720-107	1 1/4	2 17/32	1/4	22	21.22	20.16
720-108	1 3/8	2 17/32	5/16	22	21.22	20.16
720-100	Buna Spider	.75" Thickness		22	11.55	10.26
720-100-UUrethane Spider		.75" Thickness		33	29.51	26.95

110 SERIES						
720-111	5/8	3 5/16	3/16	45	29.66	27.64
720-112	3/4	3 5/16	3/16	45	29.66	27.64
720-113	7/8	3 5/16	3/16	45	29.66	27.64
720-114	1	3 5/16	1/4	45	29.66	27.64
720-115	1 1/8	3 5/16	1/4	45	29.66	27.64
720-116	1 1/4	3 5/16	1/4	45	29.66	27.64
720-117	1 3/8	3 5/16	5/16	45	29.66	27.64
720-118	1 1/2	3 5/16	3/8	45	29.66	27.64
720-119	1 5/8	3 5/16	3/8	45	29.66	27.64
720-110	Buna Spider	.88" Thickness		45	12.97	11.89

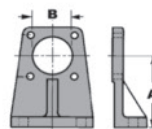
150 SERIES						
720-157	7/8	3 3/4	3/16	70	38.08	33.03
720-151	1	3 3/4	1/4	70	38.08	33.03
720-152	1 1/8	3 3/4	1/4	70	38.08	33.03
720-153	1 1/4	3 3/4	1/4	70	38.08	33.03
720-154	1 3/8	3 3/4	5/16	70	38.08	33.03
720-158	1 7/16	3 3/4	3/8	70	38.08	33.03
720-156	1 1/2	3 3/4	3/8	70	38.08	33.03
720-159	1 7/8	3 3/4	1/2	70	38.08	33.03
720-150	Buna Spider	1.0" Thickness		70	19.25	15.71

Pump Mounting Brackets

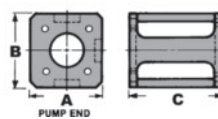
Electric Motor Brackets



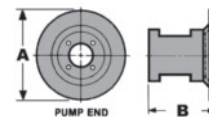
Foot Mount Brackets



Gasoline Engine Brackets G10 & G11



Gasoline Engine Brackets



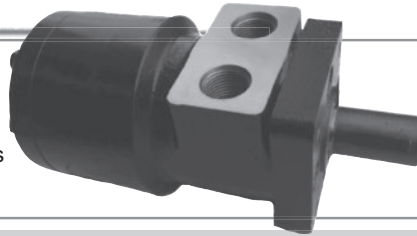
DBH Part #	MFG NO.	Fits Motor Flange	PUMP FLANGE	A	B	C	Face-to-Face Length	BOLT CIRCLE	WT.	EACH
E SERIES - Electric Motor Brackets										
290-050	E50-A4	56C, 143-145 TC	4-Bolt 4F17	4.50	6.625	5.875	4.40	2.828	2	53.41
290-051	E502-A4	182-184 TC, 213-215 TC, 254-256 TC	4-Bolt 4F17	8.50	8.75	7.25	5.00	2.828	4	65.48
290-049	E50-A2	56C, 143-145 TC	2-Bolt A	4.50	6.625	5.875	4.40	4.188	2	46.96
290-057	E57-A2L	182-184 TC, 213-215 TC, 254-256 TC	2-Bolt A	8.50	8.75	7.25	5.12	4.188	3	74.77
290-055	E52-A2	182-184 TC, 213-215 TC, 254-256 TC	2-Bolt A	8.50	8.75	7.25	6.4	4.188	3	99.65
290-072	E500-B2	182-184 TC, 213-215 TC, 254-256 TC	2-Bolt B	8.50	8.75	7.25	4.18	5.75	5	99.65
FM SERIES - Foot Mount Brackets										
290-038	FM-38-4F		4-Bolt	3.44	2	-	-		1	45.21
290-040	FM-40-A2		2-Bolt A	3.25	4.1875	-	-		2	54.91
290-042	FM-42-B2		2-Bolt B	5.25	5.75	-	-		3	68.72
G SERIES - Gasoline Engine Brackets										
290-010	G10-102-4.44		4-Bolt	3.50	3.5	-	4.44	3.625	2	51.98
290-011	G11-108-4.68		2-Bolt A	4.25	5.5	-	4.69	3.625	2	64.05
290-015	G15-117-5.63		4-Bolt	7.50	5.625	-	5.625	6.5	5	69.28
290-016	G16-134-6.0		2-Bolt A	8.50	6	-	6.00	6.5	5	75.44
290-017	G12-109-6.0		2-Bolt A	6.25	5.125	-	6.00	3.625	3	88.26

Hydraulic Motors

DALTON 10 Series Hydraulic Motors

HYDRAULIC GEROLOR MOTORS

- High-torque, Low speed
- Direct interchange for Danfoss DS Series & Char-Lynn S Series
- 1 Year Warranty



DBH Part #	Danfoss DS Series	Char-Lynn S Series	Cu In. Disp	MAX RPM	MAX Torque (in/lbs)	MAX GPM	MAX PSI	Port Size	Mount Flange	Shaft Size	Wt	Price Each
4-Bolt Flange												
312-201	151-2421	103-1001	3.1	970	885	13.2	2000	1/2 NPTF	4-Bolt	1"	15	258.82
312-202	151-2422	103-1002	4.9	940	1682	19.8	2500	1/2 NPTF	4-Bolt	1"	15	258.82
312-203	151-2423	103-1003	6.2	750	2124	19.8	2500	1/2 NPTF	4-Bolt	1"	15	247.62
312-204	151-2424	103-1755	7.6	600	2584	19.8	2500	1/2 NPTF	4-Bolt	1"	16	331.45
312-205	151-2425	103-1004	9.6	470	3273	19.8	2400	1/2 NPTF	4-Bolt	1"	17	277.94
312-206	151-2426	103-1005	12.2	375	3168	19.8	1900	1/2 NPTF	4-Bolt	1"	18	278.63
312-207	151-2427	103-1006	15.4	300	3115	19.8	1450	1/2 NPTF	4-Bolt	1"	19	280.40
312-208	151-2428	103-1007	19.2	240	3186	19.8	1200	1/2 NPTF	4-Bolt	1"	20	288.84
312-209	151-2429	103-1008	22.6	200	3717	19.8	1200	1/2 NPTF	4-Bolt	1"	22	308.96
312-210	151-2341	103-1009	3.1	970	885	13.2	2000	#10 SAE	4-Bolt	1"	15	258.82
312-211	151-2342	103-1010	4.9	940	1682	19.8	2500	#10 SAE	4-Bolt	1"	15	260.36
312-212	151-2343	103-1011	6.2	750	2124	19.8	2500	#10 SAE	4-Bolt	1"	15	247.62
312-213	151-2344	103-1751	7.6	600	2584	19.8	2500	#10 SAE	4-Bolt	1"	16	331.45
312-214	151-2345	103-1020	9.6	470	3273	19.8	2400	#10 SAE	4-Bolt	1"	17	277.94
312-215	151-2356	103-1021	12.2	375	3168	19.8	1900	#10 SAE	4-Bolt	1"	18	279.86
312-216	151-2347	103-1022	15.4	300	3115	19.8	1450	#10 SAE	4-Bolt	1"	19	280.40
312-217	151-2348	103-1023	19.2	240	3186	19.8	1200	#10 SAE	4-Bolt	1"	20	288.84
312-218	151-2349	103-1024	22.6	200	3717	19.8	1200	#10 SAE	4-Bolt	1"	22	308.96
2-Bolt Flange												
312-228	151-2381	103-1025	3.1	970	885	13.2	2000	1/2 NPTF	2-Bolt	1"	15	290.39
312-229	151-2382	103-1026	4.9	940	1682	19.8	2500	1/2 NPTF	2-Bolt	1"	15	258.82
312-230	151-2383	103-1027	6.2	750	2124	19.8	2500	1/2 NPTF	2-Bolt	1"	15	247.62
312-231	151-2384	103-1706	7.6	600	2584	19.8	2500	1/2 NPTF	2-Bolt	1"	16	315.32
312-232	151-2385	103-1028	9.6	470	3273	19.8	2400	1/2 NPTF	2-Bolt	1"	17	268.08
312-233	151-2386	103-1029	12.2	375	3168	19.8	1900	1/2 NPTF	2-Bolt	1"	18	274.53
312-234	151-2387	103-1030	15.4	300	3115	19.8	1450	1/2 NPTF	2-Bolt	1"	19	276.75
312-235	151-2388	103-1031	19.2	240	3186	19.8	1200	1/2 NPTF	2-Bolt	1"	20	286.56
312-236	151-2389	103-1032	22.6	200	3717	19.8	1200	1/2 NPTF	2-Bolt	1"	22	294.51
312-219	151-2301	103-1033	3.1	970	885	13.2	2000	#10 SAE	2-Bolt	1"	15	290.39
312-220	151-2302	103-1034	4.9	940	1682	19.8	2500	#10 SAE	2-Bolt	1"	15	246.51
312-221	151-2303	103-1035	6.2	750	2124	19.8	2500	#10 SAE	2-Bolt	1"	15	249.37
312-222	151-2304	103-1702	7.6	600	2584	19.8	2500	#10 SAE	2-Bolt	1"	16	315.33
312-223	151-2305	103-1036	9.6	470	3273	19.8	2400	#10 SAE	2-Bolt	1"	17	268.08
312-224	151-2306	103-1037	12.2	375	3168	19.8	1900	#10 SAE	2-Bolt	1"	18	274.53
312-225	151-2307	103-1038	15.4	300	3115	19.8	1450	#10 SAE	2-Bolt	1"	19	276.75
312-226	151-2308	103-1039	19.2	240	3186	19.8	1200	#10 SAE	2-Bolt	1"	20	286.56
312-227	151-2309	103-1040	22.6	200	3717	19.8	1200	#10 SAE	2-Bolt	1"	22	294.51

S Series Hydraulic Motors

Medium-duty Gerolore-type Orbital Motor



Char-Lynn

DBH Part #	Mfgr No.	Cu. In. Disp	Max. PSI	MAX RPM	MAX TORQUE	Port Size	Mount Flange	Shaft	Wt.	Price Each
300-301	103-1002	4.6	2000	792	1325	1/2 NPTF	4-Bolt	1"	18	865.78
300-302	103-1003	5.7	2000	607	1623	1/2 NPTF	4-Bolt	1"	18	870.34
300-310	103-1004	10.1	1900	343	2662	1/2 NPTF	4-Bolt	1"	18	937.07
300-304	103-1005	11.4	1850	304	2950	1/2 NPTF	4-Bolt	1"	18	969.18
300-305	103-1006	13.7	1700	253	3290	1/2 NPTF	4-Bolt	1"	18	1010.17
300-307	103-1007	17.9	1500	190	4345	1/2 NPTF	4-Bolt	1"	18	1044.55
300-306	103-1008	22.7	1300	153	4672	1/2 NPTF	4-Bolt	1"	18	1125.52
300-311	103-1010	4.5	2000	792	1325	#10 SAE	4-Bolt	1"	19	865.79
300-312	103-1540	3.6	2000	963	1021	1/2 NPTF	2-Bolt	1"	14	859.76
300-313	103-1026	4.6	2000	792	1325	1/2 NPTF	2-Bolt	1"	15	865.79
300-314	103-1027	5.7	2000	607	1623	1/2 NPTF	2-Bolt	1"	15	870.35
300-303	103-1028	9.7	1900	343	2662	1/2 NPTF	2-Bolt	1"	18	937.07
300-315	103-1029	11.4	1850	304	2950	1/2 NPTF	2-Bolt	1"	17	969.18
300-316	103-1030	13.7	1700	253	3290	1/2 NPTF	2-Bolt	1"	17	1010.17
300-317	103-1031	18.2	1500	190	4345	1/2 NPTF	2-Bolt	1"	19	1044.55
300-318	103-1032	22.7	1300	153	4672	1/2 NPTF	2-Bolt	1"	20	1125.52
300-319	103-1040	22.7	1300	153	4672	#10 SAE	2-Bolt	1"	20	1125.52

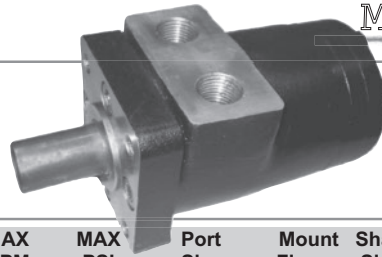
HYDRAULIC MOTORS

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DALTON 7 Series Hydraulic Motors

HYDRAULIC GEROTOR MOTORS

- High-torque, Low speed
- Direct interchange for Danfoss DH Series & Char-Lynn H Series
- 1 Year Warranty

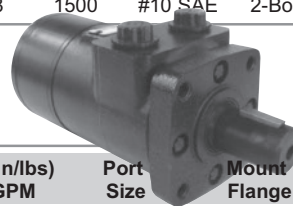


****312-128 not as pictured.

DBH Part #	Danfoss DH Series	Char-Lynn H Series	CU In. Disp	MAX RPM	MAX Torque (in/lbs)	MAX GPM	MAX PSI	Port Size	Mount Flange	Shaft Size	Wt	Price Each
4-Bolt Flange												
312-102	151-2121	101-1001	3.15	880	717	13.2	2400	1/2 NPTF	4-Bolt	1"	12	232.98
312-103	151-2122	101-1002	4.74	740	1140	19.8	2400	1/2 NPTF	4-Bolt	1"	13	234.91
312-104	151-2123	101-1003	5.87	600	1425	19.8	2400	1/2 NPTF	4-Bolt	1"	13	184.81
312-105	151-2124	101-1755	7.19	475	1790	19.8	2400	1/2 NPTF	4-Bolt	1"	13	199.58
312-106	151-2125	101-1004	9.48	370	2170	19.8	2400	1/2 NPTF	4-Bolt	1"	14	200.12
312-107	151-2126	101-1005	11.58	296	2530	19.8	2400	1/2 NPTF	4-Bolt	1"	14	213.21
312-108	151-2127	101-1006	14.09	237	3185	19.8	2000	1/2 NPTF	4-Bolt	1"	15	241.27
312-109	151-2128	101-1007	19.01	290	3575	19.8	1800	1/2 NPTF	4-Bolt	1"	15	245.61
312-110	151-2129	101-1008	23.55	150	3850	19.8	1500	1/2 NPTF	4-Bolt	1"	16	222.16
312-112	151-2041	101-1009	3.15	880	717	13.2	2400	#10 SAE	4-Bolt	1"	12	232.98
312-113	151-2042	101-1010	4.74	740	1140	19.8	2400	#10 SAE	4-Bolt	1"	13	234.91
312-114	151-2043	101-1011	5.87	600	1425	19.8	2400	#10 SAE	4-Bolt	1"	13	200.12
312-115	151-2044	101-1751	7.19	475	1790	19.8	2400	#10 SAE	4-Bolt	1"	13	199.58
312-116	151-2045	101-1012	9.48	370	2170	19.8	2400	#10 SAE	4-Bolt	1"	14	214.92
312-117	151-2046	101-1013	11.58	296	2530	19.8	2400	#10 SAE	4-Bolt	1"	14	222.81
312-118	151-2047	101-1014	14.09	237	3185	19.8	2000	#10 SAE	4-Bolt	1"	15	239.73
312-119	151-2048	101-1015	19.01	290	3575	19.8	1800	#10 SAE	4-Bolt	1"	15	267.39
312-120	151-2049	101-1016	23.55	150	3850	19.8	1500	#10 SAE	4-Bolt	1"	16	268.95
2-Bolt Flange												
312-121	151-2081	101-1025	3.15	880	717	13.2	2400	1/2 NPTF	2-Bolt A	1"	12	232.98
312-122	151-2082	101-1026	4.74	740	1140	19.8	2400	1/2 NPTF	2-Bolt A	1"	13	187.66
312-123	151-2083	101-1027	5.87	600	1425	19.8	2400	1/2 NPTF	2-Bolt A	1"	13	193.20
312-124	151-2084	101-1706	7.19	475	1790	19.8	2400	1/2 NPTF	2-Bolt A	1"	13	199.83
312-125	151-2085	101-1028	9.48	370	2170	19.8	2400	1/2 NPTF	2-Bolt A	1"	14	204.90
312-126	151-2086	101-1029	11.58	296	2530	19.8	2400	1/2 NPTF	2-Bolt A	1"	14	212.74
312-127	151-2087	101-1030	14.09	237	3185	19.8	2000	1/2 NPTF	2-Bolt A	1"	15	218.49
312-128	151-2088	101-1031	19.01	290	3575	19.8	1800	1/2 NPTF	2-Bolt A	1"	15	244.76
312-129	151-2089	101-1032	23.55	150	3850	19.8	1500	1/2 NPTF	2-Bolt A	1"	16	251.35
312-131	151-2001	101-1033	3.15	880	717	13.2	2400	#10 SAE	2-Bolt A	1"	12	232.98
312-132	151-2002	101-1034	4.74	740	1140	19.8	2400	#10 SAE	2-Bolt A	1"	13	184.49
312-133	151-2003	101-1035	5.87	600	1425	19.8	2400	#10 SAE	2-Bolt A	1"	13	193.20
312-134	151-2004	101-1702	7.19	475	1790	19.8	2400	#10 SAE	2-Bolt A	1"	13	204.40
312-135	151-2005	101-1036	9.48	370	2170	19.8	2400	#10 SAE	2-Bolt A	1"	14	207.99
312-136	151-2006	101-1037	11.58	296	2530	19.8	2400	#10 SAE	2-Bolt A	1"	14	212.74
312-137	151-2007	101-1038	14.09	237	3185	19.8	2000	#10 SAE	2-Bolt A	1"	15	218.49
312-138	151-2008	101-1039	19.01	290	3575	19.8	1800	#10 SAE	2-Bolt A	1"	15	244.76
312-139	151-2009	101-1040	23.55	150	3850	19.8	1500	#10 SAE	2-Bolt A	1"	16	302.38

H Series Hydraulic Motors

Medium-duty Gerotor-type Orbital Motor



Char-Lynn

DBH Part #	Mfgr No.	CU In. Disp	Max. PSI	RPM @ 12 GPM	Torque (in/lbs) @ 12 GPM	Port Size	Mount Flange	Shaft	Wt.	Price Each
300-127	101-1749	2.2	1800	1021	497	#10 SAE	4-Bolt	1"	13	657.67
300-101	101-1001	2.8	1800	914	643	1/2 NPTF	4-Bolt	1"	13	635.24
300-103	101-1002	4.5	1800	576	1013	1/2 NPTF	4-Bolt	1"	13	651.47
300-104	101-1003	5.9	1800	445	1301	1/2 NPTF	4-Bolt	1"	13	676.31
300-128	101-1756	8.9	1700	385	1954	1/2 NPTF	4-Bolt	1"	13	711.92
300-105	101-1004	9.7	1650	272	2004	1/2 NPTF	4-Bolt	1"	13	725.60
300-106	101-1005	11.3	1600	234	2268	1/2 NPTF	4-Bolt	1"	13	752.99
300-107	101-1006	14.1	1450	189	2571	1/2 NPTF	4-Bolt	1"	13	799.52
300-109	101-1007	17.9	1350	146	2989	1/2 NPTF	4-Bolt	1"	13	843.34
300-110	101-1008	22.6	1250	115	3446	1/2 NPTF	4-Bolt	1"	13	925.50
300-117	101-1010	4.5	1800	723	1044	#10 SAE	4-Bolt	1"	13	752.28
300-118	101-1701	3.6	1800	953	802	#10 SAE	2-Bolt	1"	13	665.38
300-102	101-1026	4.5	1800	723	1044	1/2 NPTF	2-Bolt	1"	12	687.26
300-120	101-1027	5.9	1800	559	1368	1/2 NPTF	2-Bolt	1"	12	687.26
300-121	101-1035	5.9	1800	559	1368	#10 SAE	2-Bolt	1"	13	678.24
300-122	101-1037	11.3	1600	294	2343	#10 SAE	2-Bolt	1"	14	750.25
300-123	101-1038	14.1	1450	238	2669	#10 SAE	2-Bolt	1"	16	780.38
300-124	101-1031	17.9	1350	186	3110	1/2 NPTF	2-Bolt	1"	14	859.76
300-125	101-1032	22.6	1250	147	3604	1/2 NPTF	2-Bolt	1"	15	941.92
300-126	101-1040	22.6	1250	147	3604	#10 SAE	2-Bolt	1"	16	938.18



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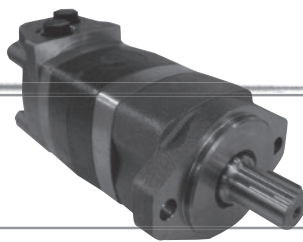
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Miscellaneous

2000 Series Hydraulic Motors

Heavy-duty Geroler Disc Valve Motor

Char-Lynn

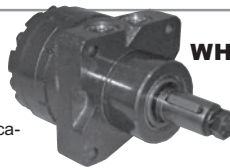


DBH Part #	Mfg No.	Cu. In. Disp	Max. PSI	RPM @ 12 GPM	Torque (in/lbs) @ 12 GPM	Port Size	Mount Flange	Shaft	Wt.	Price Each
1" Shaft										
300-401	104-1001	4.9	3000	497	2065	#10 SAE	2-Bolt A	1"	22	1082.03
300-402	104-1002	6.2	3000	389	3630	#10 SAE	2-Bolt A	1"	22	1058.05
300-403	104-1003	8	3000	307	3350	#10 SAE	2-Bolt A	1"	23	1082.76
300-404	104-1004	9.6	3000	246	4040	#10 SAE	2-Bolt A	1"	23	1099.30
300-405	104-1006	14.9	3000	168	4740	#10 SAE	2-Bolt A	1"	24	1150.30
300-406	104-1007	18.7	3000	133	5150	#10 SAE	2-Bolt A	1"	23	1189.73
1 1/4" Shaft										
300-407	104-1022	4.9	3000	497	2065	#10 SAE	2-Bolt A	1.25	22	1032.85
300-408	104-1023	6.2	3000	389	3630	#10 SAE	2-Bolt A	1.25	22	1058.05
300-409	104-1024	8	3000	307	3350	#10 SAE	2-Bolt A	1.25	23	1082.76
300-410	104-1025	9.6	3000	497	4040	#10 SAE	2-Bolt A	1.25	23	1099.30
300-411	104-1026	11.9	3000	211	4780	#10 SAE	2-Bolt A	1.25	24	1181.98
300-412	104-1027	14.9	3000	168	4740	#10 SAE	2-Bolt A	1.25	25	1189.72
300-413	104-1028	18.7	3000	133	5150	#10 SAE	2-Bolt A	1.25	27	1223.47
300-414	104-1228	24	2250	109	5150	#10 SAE	2-Bolt A	1.25	32	1208.50

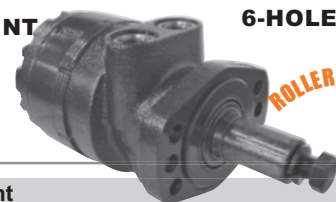
White RE Motors

500 SERIES

- Especially suited for low flow, high pressure applications. Typical applications include medium duty wheel drives, mixers, augers, grapple heads, winch drives, swing drives and broom drives.



WHEEL MOUNT



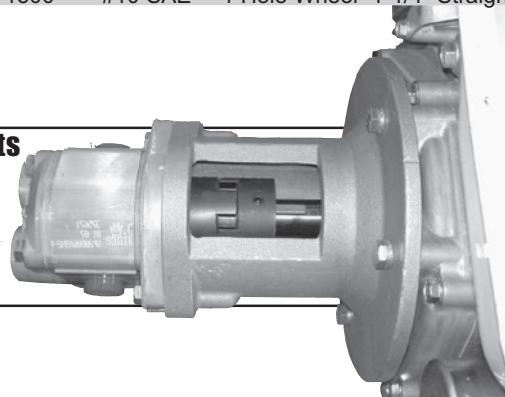
6-HOLE

ROLLER STATOR

DBH Part#	Mfg No.	Cu. In. Disp	Max. RPM	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
315-511	500120A5120AAAAA	7.4	360	12	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	24	768.74
315-512	500120W3120AAAAA	7.4	360	12	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	26	791.27
315-513	500160A5120AAAAA	9.9	370	16	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	24	783.91
315-514	500160W3120AAAAA	9.9	370	16	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	26	804.15
315-515	500200A5120AAAAA	12.4	300	18	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	24	791.27
315-516	500200W3120AAAAA	12.4	300	18	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	27	811.50
315-517	500230A5120AAAAA	14.2	260	18	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	25	794.96
315-518	500230W3120AAAAA	14.2	260	18	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	27	815.19
315-525	500260A5120AAAAA	15.9	260	20	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	25	802.31
315-526	500260W3120AAAAA	15.9	260	20	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	27	822.54
315-537	500300A5120AAAAA	18.3	250	22	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	26	805.99
315-538	500300W3120AAAAA	18.3	250	22	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	28	826.23
315-539	500350A5120AAAAA	21.2	220	22	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	28	829.91
315-540	500350W3120AAAAA	21.2	220	22	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	31	850.16
315-531	500375A5120AAAAA	22.8	200	20	3000	#10 SAE	6-Hole SAE A	1-1/4" Straight	27	898.85
315-532	500375W3120AAAAA	22.8	200	20	3000	#10 SAE	4-Hole Wheel	1-1/4" Straight	30	918.24
315-519	500470A5120AAAAA	28.3	160	20	2500	#10 SAE	6-Hole SAE A	1-1/4" Straight	28	1011.29
315-520	500470W3120AAAAA	28.3	160	20	2500	#10 SAE	4-Hole Wheel	1-1/4" Straight	31	973.45
315-521	500540A5120AAAAA	32.7	140	20	2000	#10 SAE	6-Hole SAE A	1-1/4" Straight	30	956.89
315-522	500540W3120AAAAA	32.7	140	20	2000	#10 SAE	4-Hole Wheel	1-1/4" Straight	32	977.13
315-523	500750A5120AAAAA	45.6	100	20	1500	#10 SAE	6-Hole SAE A	1-1/4" Straight	33	1017.61
315-524	500750W3120AAAAA	45.6	100	20	1500	#10 SAE	4-Hole Wheel	1-1/4" Straight	35	1038.34

Pump Mounting Brackets & Couplings

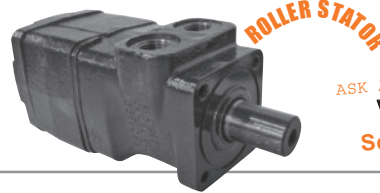
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White RS Motors

200 SERIES

- The most economical model in the White Drive Products product line. Typical uses include light weight wheel drives, positioners, conveyors, swing drives, feed rollers, screw drives and spinners.



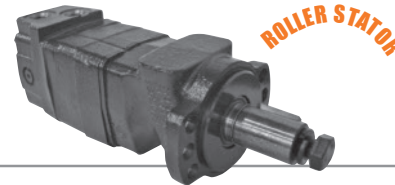
ASK ABOUT THE
WR
Series!!!

DBH Part#	Mfgr No.	Cu. In. Disp	Max. RPM	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
315-101	200050A1001AAAAA	3.2	400	6	1750	1/2 NPTF	2-Bolt A	13 Tooth Splined	16	677.82
315-102	200050F3010AAAAA	3.2	400	6	1750	1/2 NPTF	4-Bolt	1" Straight	16	644.93
315-110	200080A1001AAAAA	4.6	460	10	1750	1/2 NPTF	2-Bolt A	13 Tooth Splined	17	680.35
315-103	200080F3010AAAAA	4.6	460	10	1750	1/2 NPTF	4-Bolt	1" Straight	17	650.65
315-128	200090A1001AAAAA	5.4	420	10	1750	1/2 NPTF	2-Bolt A	13 Tooth Splined	17	687.95
315-114	200090F3010AAAAA	5.4	510	10	1750	1/2 NPTF	4-Bolt	1" Straight	17	667.70
315-155	200100A1005AAAAA	6.3	510	14	1750	1/2 NPTF	2-Bolt A	1" Pin Hole	18	675.28
315-116	200100F3010AAAAA	6.3	460	14	1750	1/2 NPTF	4-Bolt	1" Straight	18	670.22
315-121	200110A1001AAAAA	6.8	460	14	1500	1/2 NPTF	2-Bolt A	13 Tooth Splined	17	687.95
315-126	200110F3010AAAAA	6.8	410	14	1500	1/2 NPTF	4-Bolt	1" Straight	17	667.70
315-104	200125A1001AAAAA	7.7	410	14	1500	1/2 NPTF	2-Bolt A	13 Tooth Splined	18	698.05
315-112	200125F3010AAAAA	7.7	370	14	1500	1/2 NPTF	4-Bolt	1" Straight	18	680.35
315-123	200160A1001AAAAA	10	370	16	1500	1/2 NPTF	2-Bolt A	13 Tooth Splined	18	708.20
315-124	200160F3010AAAAA	10	300	16	1500	1/2 NPTF	4-Bolt	1" Straight	18	748.65
315-113	200200A1001AAAAA	12.5	300	16	1500	1/2 NPTF	2-Bolt A	13 Tooth Splined	19	735.99
315-125	200200F3010AAAAA	12.5	300	16	1500	1/2 NPTF	4-Bolt	1" Straight	19	720.82
315-127	200250A1001AAAAA	15.5	300	20	1250	1/2 NPTF	2-Bolt A	13 Tooth Splined	20	763.84
315-111	200250F3010AAAAA	15.5	300	20	1250	1/2 NPTF	4-Bolt	1" Straight	20	746.12
315-119	200300A1001AAAAA	17.9	300	20	1000	1/2 NPTF	2-Bolt A	13 Tooth Splined	21	811.93
315-120	200300F3010AAAAA	17.9	300	20	1000	1/2 NPTF	4-Bolt	1" Straight	21	791.65
315-117	200400A1001AAAAA	24.9	190	20	1000	1/2 NPTF	2-Bolt A	13 Tooth Splined	23	866.76
315-122	200400F3010AAAAA	24.9	190	20	1000	1/2 NPTF	4-Bolt	1" Straight	23	867.54

White HB Motors

300 SERIES

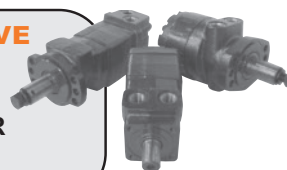
- Leader in its class, offering high efficiency and durability. Heavy-duty driveline, offers 30% more torque capacity than competitive designs.



DBH Part#	Mfgr No.	Cu. In. Disp	Max. RPM	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
315-301	300050A9120AAAAA	3.2	680	10	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	20	940.77
315-302	300050F8110AAAAA	3.2	680	10	3000	#10 SAE	4-Bolt	1" Straight	20	928.14
315-314	300080A9120AAAAA	4.6	800	14	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	20	936.94
315-312	300080F8110AAAAA	4.6	800	14	3000	#10 SAE	4-Bolt	1" Straight	20	930.34
315-319	300090A9120AAAAA	5.4	680	16	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	20	941.34
315-320	300090F8110AAAAA	5.4	680	16	3000	#10 SAE	4-Bolt	1" Straight	20	936.94
315-315	300110A9120AAAAA	6.8	680	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	21	941.17
315-308	300110F8110AAAAA	6.8	680	20	3000	#10 SAE	4-Bolt	1" Straight	21	936.15
315-309	300125A9120AAAAA	7.7	580	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	21	952.34
315-310	300125F8110AAAAA	7.7	580	20	3000	#10 SAE	4-Bolt	1" Straight	21	947.95
315-303	300160A9120AAAAA	10	460	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	22	963.33
315-304	300160F8110AAAAA	10	460	20	3000	#10 SAE	4-Bolt	1" Straight	22	958.94
315-317	300200A9120AAAAA	12.5	370	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	24	991.94
315-318	300200F8110AAAAA	12.5	370	20	3000	#10 SAE	4-Bolt	1" Straight	24	985.33
315-307	300250A9120AAAAA	15.5	290	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	24	1018.31
315-316	300250F8110AAAAA	15.5	290	20	3000	#10 SAE	4-Bolt	1" Straight	24	1013.93
315-305	300300A9120AAAAA	17.9	250	20	3000	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	26	1064.52
315-306	300300F8110AAAAA	17.9	250	20	3000	#10 SAE	4-Bolt	1" Straight	26	1060.13
315-313	300400A9120AAAAA	24.9	180	20	2500	#10 SAE	6-Bolt SAE-A	1-1/4" Straight	26	1121.71
315-311	300400F8110AAAAA	24.9	180	20	2500	#10 SAE	4-Bolt	1" Straight	26	1117.31

**FULL LINE OF WHITE DRIVE
PRODUCTS AVAILABLE!**

**CALL FOR SPECS ON YOUR
APPLICATION**

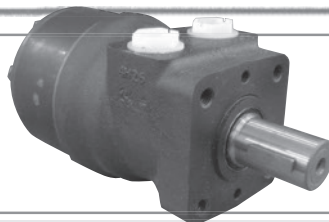


Hydraulic Motors

DH Series Hydraulic Motors

High torque, gerotor type motor

- High starting torque
- High radial & axial load capacity

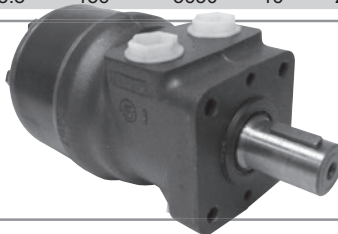


DBH Part #	Mfgr No.	Compare to Char-lynn	Cu. In. Disp	Max. RPM	Max (in/lbs) Torque	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
4-Bolt												
310-101	151-2120	101-1753	2.2	1680	520	16	2000	1/2 NPTF	4-Bolt	1"	10	621.44
310-102	151-2121	101-1001	3	1249	700	16	2000	1/2 NPTF	4-Bolt	1"	10	641.35
310-103	151-2122	101-1002	4.8	778	1110	16	2000	1/2 NPTF	4-Bolt	1"	10	657.50
310-104	151-2123	101-1003	5.9	622	1400	16	2000	1/2 NPTF	4-Bolt	1"	11	688.99
310-105	151-2124	101-1755	7.6	484	1800	16	2000	1/2 NPTF	4-Bolt	1"	11	701.21
310-106	151-2125	101-1004	9.5	389	2080	16	2000	1/2 NPTF	4-Bolt	1"	11	764.15
310-107	151-2126	101-1005	11.9	311	2360	16	2000	1/2 NPTF	4-Bolt	1"	12	792.43
310-108	151-2127	101-1006	14.8	250	2700	16	2000	1/2 NPTF	4-Bolt	1"	12	843.62
310-109	151-2128	101-1007	18.7	198	3140	16	2000	1/2 NPTF	4-Bolt	1"	14	903.17
310-110	151-2129	101-1008	23.8	156	3630	16	2000	1/2 NPTF	4-Bolt	1"	14	970.07
310-111	151-2040	101-1749	2.2	1680	520	16	2000	#10 SAE	4-Bolt	1"	11	621.44
310-112	151-2041	101-1009	3	1249	700	16	2000	#10 SAE	4-Bolt	1"	10	641.35
310-113	151-2042	101-1010	4.8	778	1110	16	2000	#10 SAE	4-Bolt	1"	10	657.50
310-114	151-2043	101-1011	5.9	622	1400	16	2000	#10 SAE	4-Bolt	1"	11	688.99
310-115	151-2044	101-1751	7.6	484	1800	16	2000	#10 SAE	4-Bolt	1"	11	701.21
310-116	151-2045	101-1012	9.5	389	2080	16	2000	#10 SAE	4-Bolt	1"	11	764.15
310-117	151-2046	101-1013	11.9	311	2360	16	2000	#10 SAE	4-Bolt	1"	12	792.43
310-118	151-2048	101-1015	18.7	198	3140	16	2000	#10 SAE	4-Bolt	1"	14	843.62
310-119	151-2049	101-1016	23.8	156	3630	16	2000	#10 SAE	4-Bolt	1"	14	903.17
2-Bolt												
310-120	151-2080	101-1704	2.2	1680	520	16	2000	1/2 NPTF	2-Bolt	1"	11	621.44
310-121	151-2081	101-1025	3	1249	700	16	2000	1/2 NPTF	2-Bolt	1"	11	641.35
310-122	151-2082	101-1026	4.8	778	1110	16	2000	1/2 NPTF	2-Bolt	1"	11	657.50
310-123	151-2083	101-1027	5.9	622	1400	16	2000	1/2 NPTF	2-Bolt	1"	11	688.99
310-124	151-2084	101-1706	7.6	484	1800	16	2000	1/2 NPTF	2-Bolt	1"	12	701.21
310-125	151-2085	101-1028	9.5	389	2080	16	2000	1/2 NPTF	2-Bolt	1"	12	764.15
310-126	151-2086	101-1029	11.9	311	2360	16	2000	1/2 NPTF	2-Bolt	1"	13	792.43
310-127	151-2087	101-1030	14.8	250	2700	16	2000	1/2 NPTF	2-Bolt	1"	13	843.62
310-128	151-2088	101-1031	18.7	198	3140	16	2000	1/2 NPTF	2-Bolt	1"	14	903.17
310-129	151-2089	101-1032	23.8	156	3630	16	2000	1/2 NPTF	2-Bolt	1"	14	970.07
310-130	151-2000	101-1700	2.2	1680	520	16	2000	#10 SAE	2-Bolt	1"	11	621.44
310-131	151-2001	101-1033	3	1249	700	16	2000	#10 SAE	2-Bolt	1"	12	641.35
310-132	151-2002	101-1034	4.8	778	1110	16	2000	#10 SAE	2-Bolt	1"	13	657.50
310-133	151-2003	101-1035	5.9	622	1400	16	2000	#10 SAE	2-Bolt	1"	11	688.99
310-134	151-2004	101-1702	7.6	484	1800	16	2000	#10 SAE	2-Bolt	1"	12	701.21
310-135	151-2005	101-1036	9.5	389	2080	16	2000	#10 SAE	2-Bolt	1"	12	764.15
310-136	151-2006	101-1037	11.9	311	2360	16	2000	#10 SAE	2-Bolt	1"	14	792.43
310-137	151-2007	101-1038	14.8	250	2700	16	2000	#10 SAE	2-Bolt	1"	15	843.62
310-138	151-2008	101-1039	18.7	198	3140	16	2000	#10 SAE	2-Bolt	1"	15	903.17
310-139	151-2009	101-1040	23.8	156	3630	16	2000	#10 SAE	2-Bolt	1"	15	970.07

DS Series Hydraulic Motors

Orbital geroler type motor

- High starting torque
- High radial & axial load capacity



DBH Part #	Mfgr No.	Cu. In. Disp	Max. RPM	Max (in/lbs) Torque	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
4-Bolt											
310-201	151-2421	3.2	770	820	10.5	2000	1/2 NPTF	4-Bolt	1"	13	856.43
310-202	151-2422	4.9	754	1405	16	2000	1/2 NPTF	4-Bolt	1"	13	922.33
310-203	151-2423	6.1	607	1710	16	2000	1/2 NPTF	4-Bolt	1"	14	953.36
310-204	151-2424	7.6	482	2190	16	2000	1/2 NPTF	4-Bolt	1"	14	969.55
310-205	151-2425	9.5	379	2780	16	2000	1/2 NPTF	4-Bolt	1"	14	1029.59
310-206	151-2426	12.13	303	3100	16	2000	1/2 NPTF	4-Bolt	1"	16	1059.56
310-207	151-2427	15.18	243	3270	16	2000	1/2 NPTF	4-Bolt	1"	17	1115.40
310-208	151-2428	18.98	192	3670	16	2000	1/2 NPTF	4-Bolt	1"	18	1179.73
310-209	151-2429	23.91	162	4030	16	2000	1/2 NPTF	4-Bolt	1"	19	1130.99
310-210	151-2341	3.2	770	820	10.5	2000	#10 SAE	4-Bolt	1"	13	900.88

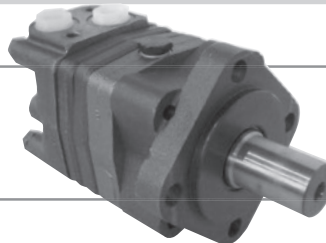
DS Series Hydraulic Motors - Continued

DBH Part #	Mfgr No.	Cu. In. Disp	Max. RPM	Max (in/lbs) Torque	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
310-211	151-2342	4.9	754	1405	16	2000	#10 SAE	4-Bolt	1"	13	922.33
310-212	151-2343	6.1	607	1710	16	2000	#10 SAE	4-Bolt	1"	14	953.36
310-213	151-2344	7.6	482	2190	16	2000	#10 SAE	4-Bolt	1"	14	969.55
310-214	151-2345	9.5	379	2780	16	2000	#10 SAE	4-Bolt	1"	14	1029.59
310-215	151-2346	12.13	303	3100	16	2000	#10 SAE	4-Bolt	1"	15	1059.56
310-216	151-2347	15.18	243	3270	16	2000	#10 SAE	4-Bolt	1"	17	1115.40
310-217	151-2348	18.98	192	3670	16	2000	#10 SAE	4-Bolt	1"	18	1179.73
310-218	151-2349	23.91	162	4030	16	2000	#10 SAE	4-Bolt	1"	19	1244.085
2-Bolt											
310-219	151-2301	3.2	770	820	10.5	2000	#10 SAE	2-Bolt	1"	13	900.88
310-220	151-2302	4.9	754	1405	16	2000	#10 SAE	2-Bolt	1"	13	922.33
310-221	151-2303	6.1	607	1710	16	2000	#10 SAE	2-Bolt	1"	14	952.36
310-222	151-2304	7.6	482	2190	16	2000	#10 SAE	2-Bolt	1"	14	969.55
310-223	151-2305	9.5	379	2780	16	2000	#10 SAE	2-Bolt	1"	14	1029.60
310-224	151-2306	12.13	303	3100	16	2000	#10 SAE	2-Bolt	1"	16	1059.56
310-225	151-2307	15.18	243	3270	16	2000	#10 SAE	2-Bolt	1"	17	1115.40
310-226	151-2308	18.98	192	3670	16	2000	#10 SAE	2-Bolt	1"	18	1179.73
310-227	151-2309	23.91	162	4030	16	2000	#10 SAE	2-Bolt	1"	19	1244.08
310-228	151-2381	3.2	770	820	10.5	2000	1/2 NPTF	2-Bolt	1"	13	900.88
310-229	151-2382	4.9	754	1405	16	2000	1/2 NPTF	2-Bolt	1"	13	922.33
310-230	151-2383	6.1	607	1710	16	2000	1/2 NPTF	2-Bolt	1"	14	952.36
310-231	151-2384	7.6	482	2190	16	2000	1/2 NPTF	2-Bolt	1"	14	969.55
310-232	151-2385	9.5	379	2780	16	2000	1/2 NPTF	2-Bolt	1"	14	1029.60
310-233	151-2386	12.13	303	3100	16	2000	1/2 NPTF	2-Bolt	1"	16	1059.56
310-234	151-2387	15.18	243	3270	16	2000	1/2 NPTF	2-Bolt	1"	17	1115.40
310-235	151-2388	18.98	192	3670	16	2000	1/2 NPTF	2-Bolt	1"	18	1179.73
310-236	151-2389	23.91	162	4030	16	2000	1/2 NPTF	2-Bolt	1"	19	1244.08

OMS Series Hydraulic Motors

Orbital Heavy-duty Motor

- Tapered roller bearings at output shaft
- Long operating life at high pressure



DBH Part #	Mfgr No.	Cu. In. Disp	Max. RPM	Max (in/lbs) Torque	Max. GPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	Price Each
310-401	151F2300	4.91	810	2120	17	2500	#10 SAE	2-Bolt A	1"	22	1131.65
310-402	151F2301	6.1	750	2700	20	2500	#10 SAE	2-Bolt A	1"	22	1144.47
310-403	151F2302	7.67	600	3320	20	2500	#10 SAE	2-Bolt A	1"	23	1153.01
310-404	151F2303	9.74	470	4340	20	2200	#10 SAE	2-Bolt A	1"	24	1165.83
310-405	151F2304	12.2	375	5400	20	2000	#10 SAE	2-Bolt A	1"	25	1187.16
310-406	151F2305	15.25	300	6370	20	1800	#10 SAE	2-Bolt A	1"	26	1281.14
310-407	151F2306	19.21	240	7300	20	1700	#10 SAE	2-Bolt A	1"	27	1369.91
310-408	151F2307	23.98	190	7660	20	1550	#10 SAE	2-Bolt A	1"	29	1405.48
310-409	151F2316	4.91	810	2120	17	2500	#10 SAE	2-Bolt A	1.25"	22	1131.65
310-410	151F2317	6.1	750	2700	20	2500	#10 SAE	2-Bolt A	1.25"	22	1144.47
310-411	151F2318	7.67	600	3320	20	2500	#10 SAE	2-Bolt A	1.25"	23	1153.01
310-412	151F2319	9.74	470	4340	20	2200	#10 SAE	2-Bolt A	1.25"	24	1165.83
310-413	151F2320	12.2	375	5400	20	2000	#10 SAE	2-Bolt A	1.25"	25	1187.16
310-414	151F2321	15.25	300	6370	20	1800	#10 SAE	2-Bolt A	1.25"	26	1281.14
310-415	151F2322	19.21	240	7300	20	1700	#10 SAE	2-Bolt A	1.25"	27	1369.91
310-416	151F2323	23.98	190	7660	20	1550	#10 SAE	2-Bolt A	1.25"	29	1405.48
310-417	151F2200	4.91	810	2120	17	2500	#10 SAE	4-Bolt	1.25"	21	1131.65
310-418	151F2202	7.67	600	3320	20	2500	#10 SAE	4-Bolt	1.25"	23	1153.01
310-419	151F2203	9.74	470	4340	20	2200	#10 SAE	4-Bolt	1.25"	25	1165.83
310-420	151F2204	12.2	375	5400	20	2000	#10 SAE	4-Bolt	1.25"	25	1187.16
310-421	151F2205	15.25	300	6370	20	1800	#10 SAE	4-Bolt	1.25"	26	1281.14
310-422	151F2206	19.21	240	7300	20	1700	#10 SAE	4-Bolt	1.25"	28	1369.91
310-423	151F2261	23.98	190	7660	20	1550	#10 SAE	4-Bolt	1.25"	29	1405.48

Hydraulic Motors

Hydraulic Cylinders

Rod & Tubing

Hydraulic Pumps

Hydraulic Motors

Hydraulic Valves

Power Units

Hoses, Fittings & Accessories

Bearings

Power Transmission

Miscellaneous

Electric Motor - Single Phase C-Face

- Removable Base



DBH Part#	HP	RPM	Frame Size	Shaft Size	Wt	Each
235-261	1/2	1800	56C	5/8 X 2-1/16	27	340.00
235-262	3/4	1800	56C	5/8 X 2-1/16	34	366.18
235-263	1	1800	56C	5/8 X 2-1/16	38	392.37
235-264	1.5	1800	56C	5/8 X 2-1/16	47	523.15
235-265	2	1800	56C	5/8 X 2-1/16	55	533.02

Electric Motor - 3 Phase C-Face

- No base; TEFC Enclosure; Perfect for vertical mount hydraulic power units
- Premium Efficiency



DBH Part#	HP	RPM	Torque (lb ft)	Frame Size	Shaft Size	Wt	Each
235-201-H	1	1800	3	143TC	7/8 X 2-1/8	58	686.11
235-203-H	2	1800	6.05	145TC	7/8 X 2-1/8	70	787.80
235-204-H	3	1800	9.07	182TC	1-1/8 X 2-5/8	90	1102.77
235-205-H	5	1800	15.1	184TC	1-1/8 X 2-5/8	110	1410.55
235-206-H	10	1800	30.1	215TC	1-3/8 X 3-1/8	180	1465.79
235-207-H	15	1800	43.7	254TC	1-5/8 X 3-3/4	325	2275.53
235-208-H	20	1800	59.7	256TC	1-5/8 X 3-3/4	370	2540.62

Electric Motor - 3 Phase C-Face

- With mounting base; TEFC enclosure
- Premium Efficiency
- 1 Year Warranty

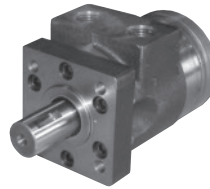


DBH Part#	HP	RPM	Torque (lb ft)	Frame Size	Shaft Size	Wt	Each
235-222-H	2	3600	3.03	145TC	7/8 X 2-1/8	70	817.41
235-223-H	2	1800	6.05	145TC	7/8 X 2-1/8	70	841.94
235-224-H	3	1800	9.07	182TC	1-1/8 X 2-5/8	90	976.97
235-225-H	5	3600	7.46	184TC	1-1/8 X 2-5/8	110	1193.72
235-226-H	5	1800	15.1	184TC	1-1/8 X 2-5/8	110	1359.23
235-235	10	1800	30.1	215TC	1-3/8 X 3-1/8	180	1364.46
235-229-H	15	1800	43.7	254TC	1-5/8 X 3-3/4	325	2472.79
235-228-H	20	1800	59.7	256TC	1-5/8 X 3-3/4	370	2878.24
235-230-H	25	1800	73.6	284TC	1-7/8 X 4-3/8	420	3411.56
235-233-H	50	1800	147	326TC	2-1/8 X 5	650	6202.91

CMM Series Motors

High-torque, Low speed

- Instantly Reversible by reversing the flow
- To assure optimum motor life, run motor for approximately 1 hour at 30% of rated pressure before application of full load.
- Normal Operating Temperature 80°F - 140°F.
- Maximum Inlet Pressure 2500 psi- Max Back Pressure is 1000 psi.



DBH Part #	Mfgr No.	CC. Disp	CU. IN Disp	Max. RPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	List Price	Price Each
305-222-C	CMM50-2RP	50 CC	3.0	800	1400	½ NPTF	2-Bolt	1" Keyed	13	311.00	235.08
305-224-C	CMM50-4RP	50 CC	3	800	1400	½ NPTF	4-Bolt	1" Keyed	13	311.00	235.08
305-442-C	CMM100-2RP	100 CC	6.1	600	1300	½ NPTF	2-Bolt	1" Keyed	13	340.00	243.97
305-443-C	CMM100-4RP	100 CC	6.1	600	1300	½ NPTF	4-Bolt	1" Keyed	13	340.00	243.97
305-544-C	CMM150-4RP	150 CC	9.2	400	1200	½ NPTF	4-Bolt	1" Keyed	14	317.00	260.55
305-623-C	CMM200-2RP	200 CC	12.2	600	1300	½ NPTF	2-Bolt	1" Keyed	15	361.00	274.67
305-624-C	CMM200-4RP	200 CC	12.2	300	1200	½ NPTF	4-Bolt	1" Keyed	15	361.00	274.67
305-828-C	CMM300-2RP	300 CC	17.9	200	1000	½ NPTF	2-Bolt	1" Keyed	16	377.00	285.97
305-829-C	CMM300-4RP	300 CC	17.9	200	1000	½ NPTF	4-Bolt	1" Keyed	16	377.00	285.97
305-942-C	CMM400-2RP	400 CC	24.4	125	900	½ NPTF	2-Bolt	1" Keyed	17	389.00	294.86
305-943-C	CMM400-4RP	400 CC	24.4	125	900	½ NPTF	4-Bolt	1" Keyed	17	389.00	294.86

C Series Gear Motor

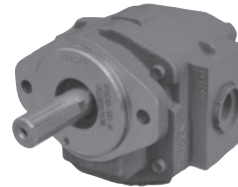
SAE 2 Bolt Mounting

Flows Up To 37 GPM

Double Viton Shaft Seals Standard

Pressure Compensated Thrust Plates

Various Shafts, Ports and Flanges Available



DBH Part #	Mfgr No.	Cu In Disp	Max PSI	Max. RPM	Shaft	Wt.	Price Each
322-102	RPMC45-5A5	.88	3500	3600	7/8" Keyed	21	614.99
322-103	RPMC45-6A5	.88	3500	3600	3/4" Keyed	21	752.87
322-104	RPMC65-5A5	1.27	3500	3600	7/8" Keyed	21	943.98

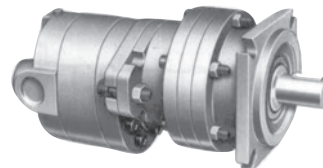
CROSS 50G Series Motor

High-torque, Low speed

-5.33 to 1 planetary reducer

- Maximum flow rate- 56 GPM

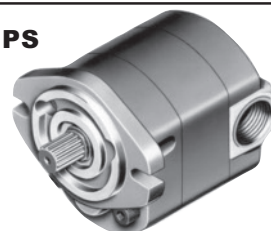
- Maximum HP= 64hp



DBH Part #	Mfgr No.	CC. Disp	CU. IN Disp	Max. RPM	Max. PSI	Port Size	Mount Flange	Shaft	Wt.	List Price	Price Each
306-202	50G081 DCCSC	132.7 CC	8.1	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2233.23	1929.51
306-203	50G0104 DCCSC	170.4 CC	10.4	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2267.09	1958.76
306-204	50G0124 DCCSC	203.2 CC	12.4	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2297.13	1984.72
306-205	50G0146 DCCSC	239.3 CC	14.6	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2310.91	1996.62
306-206	50G0176 DCCSC	288.4 CC	17.6	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2340.25	2021.98
306-207	50G0203 DCCSC	332.6 CC	20.3	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2372.21	2049.59
306-208	50G0277 DCCSC	453.9 CC	27.7	500	3000	#16 SAE	4-Bolt	1½" Keyed	40	2489.22	2150.69

CROSS 40 SERIES PUMPS

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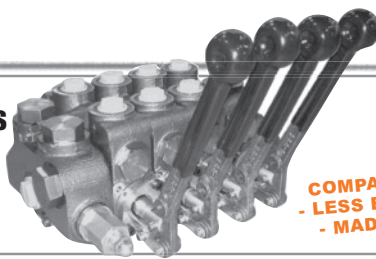
Hydraulic Valves

20 Series - Sectional Control Valves

20 GPM

- Direct Interchange w/ Parker/Gresen V20

Even the work sections interchange!



Prince



MADE IN AMERICA

COMPARE TO V20
- LESS EXPENSIVE -
- MADE IN USA -

3-Year
Warranty

20 SERIES FEATURES:

- Load Checks on Each Work Port
- Hard Chrome Plated Spools
- Power Beyond Capacity
- Reversible Handle
- Flow Control Inlet
- Extra Fine Spool Metering

SPECIFICA- TIONS:

- Nominal Flow: 20 GPM
- Max Pressure: 3500 PSI
- Max Tank Pressure: 500 PSI

DBH Part #	Mfg Part #	Relief Type & Setting	Port Size	Wt.	List	1-9	10 & Up
INLET SECTION							
230-101	20I2A	NO RELIEF	#12 SAE	6	\$196.00	\$143.94	\$131.24
230-106	20I2H	ADJUSTABLE 1750-2200 PSI	#12 SAE	6	\$269.00	\$197.55	\$180.12
230-107	20I2J	ADJUSTABLE 2201-3000 PSI	#12 SAE	6	\$268.00	\$197.55	\$180.12

DBH Part #	Mfg Part #	Spool Type	Spool Action	Port Size	Port Reliefs	Wt.	List	1-9	10 & Up
230-201	20P1AA1AA	3-Way/3-Pos	Spring Center	#10 SAE PLUGGED	9	\$349.00	\$256.31	\$233.69	
230-202	20P1BA1AA	4-Way/3-Pos	Spring Center	#10 SAE PLUGGED	9	\$339.00	\$248.96	\$226.99	
230-203	20P1BB1AA	4-Way/3-Pos	3 Pos Detent	#10 SAE PLUGGED	9	\$360.00	\$264.38	\$241.06	
230-204	20P1CA1AA	4-Way/3-Pos Mtr	Spring Center	#10 SAE PLUGGED	9	\$346.00	\$254.10	\$231.68	
230-205	20P1CB1AA	4-Way/3-Pos Mtr	3 Pos Detent	#10 SAE PLUGGED	9	\$367.00	\$269.52	\$245.74	
230-206	20P1DD1AA	4-Way/3-Pos	S/C & Float	#10 SAE PLUGGED	9	\$408.00	\$299.64	\$273.20	

DBH Part #	Mfg Part #	Exhaust Option	Port Size	Wt.	List	1-9	10 & Up
230-301	20E21	Open Center	#12 SAE	4	\$120.00	\$88.13	\$80.35
230-302	20E22	Power Beyond w/ #10 Power Beyond	#12 SAE	4	\$165.00	\$121.18	\$110.48

20 Series Hardware Kits

DBH Part #	Mfg Part #	Description	List	Each
230-1001	660402001	1 Section	\$112.00	\$78.40
230-1002	660402002	2 Section	\$102.00	\$71.40
230-1003	660402003	3 Section	\$102.00	\$71.40
230-1004	660402004	4 Section	\$122.00	\$85.40
230-1005	660402005	5 Section	\$137.00	\$95.90
230-1006	660402006	6 Section		\$125.66
230-1007	660402007	7 Section		\$132.33
Spool Attachment Kits				
230-401	660190003	SPRING CENTER KIT	\$76.00	\$53.20
230-402	660190004	3 POSITION DETENT KIT	\$136.00	\$95.20
Handle Kits				
230-405	660190002	STD.w/ LINK & PINS	\$92.00	\$50.32
230-407	660190007	COMP STD. KIT	\$175.00	\$122.50
Outlet Cartridges				
230-408	660290004	POWER BEYOND #10 SAE	\$162.00	\$113.40

Seal Kits			
230-411	660585001	WORK SECTION SEAL KIT	\$100.00 \$72.00
230-412	660585002	INLET SECTION SEAL KIT	\$56.00 \$40.32
230-413	660585003	OUTLET SECTION SEAL KIT	\$58.00 \$41.76
230-414	660585004	O-Rings Between Section	\$56.00 \$40.32

Relief Kits			
230-424	660290201	ADJ 500-1350 PSI	\$169.80
230-425	660290203	ADJ 1351-1750 PSI	\$169.80
230-426	660290205	ADJ 1751-2200 PSI	\$169.80
230-427	660290207	ADJ 2201-3000 PSI	\$169.80
230-429	660290301	SHIM ADJ. 500-1350 PSI	\$169.80
230-430	660290303	SHIM ADJ. 1351 -1750 PSI	\$169.80
230-431	660290305	SHIM ADJ. 1751 -2200 PSI	\$169.80
230-432	660290307	SHIM ADJ. 2201-3000 PSI	\$169.80
230-433	660290401	ADJ 500-1350 PSI	\$216.00
230-434	660290403	A 1351-1750 PSI	\$216.00
230-435	660290405	ADJ 1751-2200 PSI	\$216.00
230-436	660290407	ADJ 2201-3000 PSI	\$216.00



DALTON WON'T BE BEAT

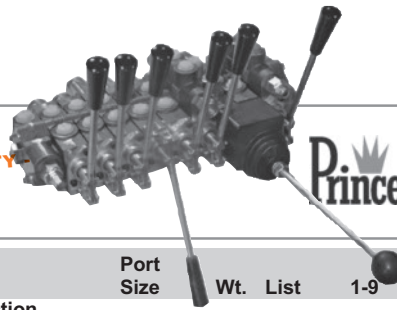
We will beat or match ANY competitor's price on PRINCE. Don't be fooled by other's claims, we are your MASTER distributor.

SV Series - Sectional Control Valves

12 GPM

- Interchanges with Parker/Gresen V10

COMPARE TO V10!
- BETTER AVAILABILITY -
- MADE IN USA -



Prince



MADE IN AMERICA

3-Year
Warranty

DBH Part #	Mfg Part #	Relief Type & Setting	Port Size	Wt.	List	1-9	10 & Up
Inlet Section							
231-101	SVI21	No Relief	#10 SAE	5	\$114.00	\$85.50	\$78.66
231-103	SVI15	Adjustable High Pressure Relief Set At 2000 PSI	#8 SAE	5	\$125.00	\$93.75	\$86.25
231-104	SVI25	Adjustable High Pressure Relief Set At 2000 PSI	#10 SAE	5	\$135.00	\$101.25	\$93.15

DBH Part #	Mfg Part #	Spool Type	Spool Action	Port Size	Wt.	List	1-9	10 & Up
Parallel Work Section								
231-201	SVW1AA1	3-Way/3-Pos	Spring Center	#8 SAE	7	\$212.00	\$159.00	\$146.28
231-202	SVW1BA1	4-Way/3-Pos	Spring Center	#8 SAE	8	\$215.00	\$161.25	\$148.35
231-203	SVW1BB1	4-Way/3-Pos	3-Pos Detent	#8 SAE	7	\$228.00	\$171.00	\$157.32
231-204	SVW1CA1	4-Way/3-Pos Motor	Spring Center	#8 SAE	7	\$205.00	\$153.75	\$141.45
231-205	SVW1CB1	4-Way/3-Pos Motor	3-Pos Detent	#8 SAE	8	\$275.00	\$206.25	\$189.75
231-206	SVW1DD1	4-Way/4-Pos Float	Spring Center	#8 SAE	9	\$280.00	\$210.00	\$193.20

Outlet Section							
DBH Part #	Mfg Part #	Exhaust Option	Port Size	Wt.	List	1-9	10 & Up
231-301	SVE11	Open Center Outlet w/ Conversion Plug	#8 SAE	4	\$97.00	\$72.75	\$66.93
231-302	SVE21	Open Center Outlet w/ Conversion Plug	#10 SAE	5	\$97.00	\$72.75	\$66.93
231-303	SVE22	Power Beyond Outlet w/ #8 SAE Beyond Port	#10 SAE	5	\$107.00	\$80.25	\$73.83
231-304	SVE23	Closed Center Outlet	#10 SAE	4	\$108.00	\$81.00	\$74.52
231-305	SVE26	Open Center Outlet Pressure Build-up Valve	#10 SAE	6	\$165.00	\$123.75	\$113.85

SV SERIES FEATURES:

- Load Checks on Each Section
- Hard Chrome Plated Spools
- Power Beyond Capacity
- Reversible Handle
- Flow Control Inlet Available

SPECIFICATIONS

- Nominal Flow: 12 GPM
- Max Pressure: 3000PSI
- Max Tank Pressure: (manual) 500PSI (solenoid) 150PSI

SV Series Field Conversion Kits & Accessories

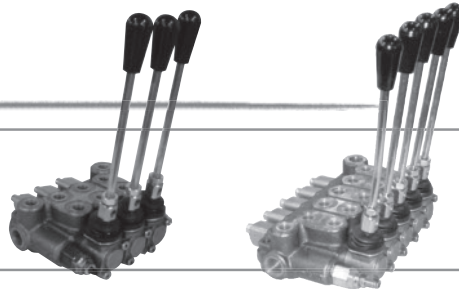
DBH Part #	Mfg Part #	Description	List	Each
231-1001	660401001	1 Section Bolt Kit	\$77.00	\$57.75
231-1002	660401002	2 Section Bolt Kit	\$80.00	\$60.00
231-1003	660401003	3 Section Bolt Kit	\$85.00	\$63.75
231-1004	660401004	4 Section Bolt Kit	\$85.00	\$63.75
231-1005	660401005	5 Section Bolt Kit	\$85.00	\$63.72
231-1006	660401006	6 Section Bolt Kit	\$85.00	\$63.75
231-1007	660401007	7 Section Bolt Kit	\$92.00	\$69.00
231-1008	660401008	8 Section Bolt Kit		\$84.00
231-1009	660401009	9 Section Bolt Kit		\$94.00
Outlet Cartridges				
231-445	660280001	#8 SAE Power Beyond Cart.	71.00	\$53.25
231-446	660280002	Closed Center Plug	41.00	\$30.75
Spool Attachments Kits				
231-401	660180001	Spring Center Kit		\$42.50
231-402	660180002	3 Position Detent Kit	\$102.00	\$76.50
231-403	660180003	Friction Detent Kit		\$74.77
231-405	660180036	Spring Center Detent In		\$101.21
231-406	660180037	Spring Center Detent Out		\$101.21

Handle Kits				
231-411	660180005	Complete Handle Kit	111.00	\$83.25
231-409	660180011	Std. Handle Kit	30.00	\$22.50
231-419	660180017	Straight Joystick Handle Kit		\$317.55
231-420	660180018	Offset Joystick Handle Kit		\$317.55
231-413	660180026	Vertical Handle Kit		\$75.61
231-414	660180028	Straight Handle Kit		\$50.17
231-412	660180031	Pin Kit		\$18.55
231-432	660180032	Clevis Sub-Assy	41.00	\$30.75
Inlet Reliefs				
231-441	660250002	High Pressure Inlet Relief	112.00	\$84.00
231-439	660250003	Low Pressure Inlet Relief	122.40	\$91.80
224-409	660250006	Inlet Relief Plug	57.00	\$42.75
Seal Kits				
231-421	660580001	SVW/SVM Seal Kit	41.00	\$30.75
231-422	660580002	Inlet Seal Kit	41.00	\$30.75
231-423	660580003	Outlet Seal Kit	31.00	\$23.25
231-424	660580004	Between Section Seal Kit	15.00	\$11.25

Hydraulic Valves

8GPM Monoblock Control Valves

- Small footprint - 1-6 spools
- 3500 PSI (Preset @ 2500 PSI)
- Interchangeable spools
- Convertible to power-beyond or closed center



DBH Part #	# of Spools	Spool Type (ALL)	Spool Action (ALL)	I/O Ports	Work Ports	List	1-9	10 & Up
220-601	1	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$208.00	\$156.00	\$143.52
220-611	1	4-Way/3-Pos Motor	3 Pos Detent	#8 SAE	#8 SAE	\$255.00	\$191.25	\$175.95
220-602	2	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$319.00	\$239.25	\$220.11
220-603	3	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$518.00	\$388.50	\$357.42
220-604	4	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$582.00	\$436.50	\$401.58
220-605	5	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$711.00	\$533.25	\$490.59
220-606	6	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$842.00	\$631.50	\$580.98

8 GPM Monoblock Valve Hardware & Accessories

DBH Part #	Mfg Part #	Description	List	Each
220-1201	660170055	Handle w/ Knob	50.00	21.67
220-1202	660170061	Joystick Kit	224.00	190.40
220-1203	612100001	Motor Spool	59.00	70.16
220-1204	671900122	Power Beyond Plug	15.00	12.75
220-1205	660570003	Seal Kit	56.00	47.60
220-1206	660170058	3 Pos Detent Kit	56.00	47.60
220-1207	660170057	Spring Center Kit	50.00	38.33
220-1208	660270005	Relief Valve (2000-3500)	69.00	58.65



14GPM Monoblock Control Valves

- Small footprint - 1-6 spools
- 4000 PSI (Preset @ 2500 PSI)
- Interchangeable spools
- Convertible to power-beyond or closed center



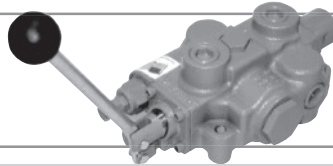
DBH Part #	# of Spools	Spool Type (ALL)	Spool Action (ALL)	I/O Ports	Work Ports	Each
220-701	1	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$229.72
220-702	2	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$406.23
220-703	3	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$505.05
220-705	5	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$747.44

14 GPM Monoblock Valve Hardware & Accessories

DBH Part #	Mfg Part #	Description	Each
220-1302	612104081	Motor Spool	61.88
220-1303	660370002	Power Beyond Plug	46.41
220-1310	660570005	Seal Kit	69.62

Prince 1-Spool Control Valves

RD5100 Monoblock Control Valve
- 30 GPM Max



Prince



3-Year
Warranty

DBH Part #	Mfg Part #	Spool Type	Spool Action	I/O Port	Work Port	Wt.	List	1-9	10 & Up
220-102	RD512CA5A4B1	4-Way/3-Pos	Spring Center	¾ NPTF	½ NPTF	14	\$336.00	\$252.00	\$231.84
220-172	RD516CA5A4B1	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	14	\$336.00	\$252.00	\$231.84
220-104	RD513CA5A4B1	4-Way/3-Pos	Spring Center	¾ NPTF	¾ NPTF	14	\$336.00	\$252.00	\$231.84
220-154	RD515CA5A4B1	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	14	\$336.00	\$252.00	\$231.84
220-105	RD513CB5A4B1	4-Way/3-Pos Detent	3-Pos Detent	¾ NPTF	¾ NPTF	14	\$335.00	\$244.92	\$224.32
220-101	RD512GG5A4B1	4-Way/4-Pos Float	Spring Cen w/ Float Dtnt	¾ NPTF	½ NPTF	14	\$396.00	\$297.00	\$273.24
220-103	RD513GG5A4B1	4-Way/4-Pos Float	Spring Cen w/ Float Dtnt	¾ NPTF	¾ NPTF	14		\$353.26	N/A
220-111	RD512EA5A4B1	4-Way/3-Pos Motor	Spring Center	¾ NPTF	½ NPTF	14	\$319.00	\$266.59	\$213.60
220-112	RD512EB5A4B1	4-Way/3-Pos Motor	3-Pos Detent	¾ NPTF	½ NPTF	14		\$337.50	N/A
220-171	RD516EB5A4B1	4-Way/3-Pos Motor	3-Pos Detent	#12 SAE	#10 SAE	14		\$299.27	\$275.00
220-156	RD515EB5A4B1	4-Way/3-Pos Motor	3-Pos Detent	#12 SAE	#12 SAE	14	\$359.00	\$269.25	\$247.71

Prince 2-Spool Control Valves

RD5200 Monoblock Control Valve
- 25 GPM Max



Prince

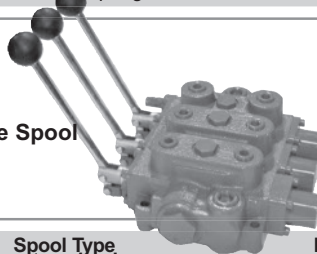


3-Year
Warranty

DBH Part #	Mfg Part #	Spool Type 1st / 2nd	Spool Action 1st / 2nd	I/O Port	Work Port	Wt.	List	1-9	10 & Up
220-202	RD522CCAA5A4B1	4-Way/3-Pos	Spring Center	¾ NPTF	½ NPTF	23	\$507.00	\$351.04	\$320.07
220-222	RD525CCAA5A4B1	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	23	\$478.00	\$351.04	\$320.07
220-208	RD522CCAB5A4B1	4-Way/3-Pos	Spring Center	¾ NPTF	½ NPTF	23		\$506.25	N/A
220-201	RD522GCGA5A4B1	4-Way/4-Pos Float	Spring Center w/ Float	¾ NPTF	½ NPTF	23	\$569.00	\$392.90	\$358.24
220-209	RD522CCEA5A4B1	4-Way/3-Pos	Press Release Detent/ Spring Center	¾ NPTF	½ NPTF	23	\$587.00	\$431.09	\$393.06

PRINCE 3-Spool Control Valves

RD5300 Monoblock Control Valve - Three Spool
- 25 GPM



Prince



3-Year
Warranty

DBH Part #	Mfg Part #	Spool Type 1st / 2nd / 3rd	I/O Port	Work Port	Wt.	List	1-9	10 & UP
220-204	RD532CCCCAA5A4B1	4-Way/3Pos; 4-Way/3Pos; 4-Way/3Pos	¾ NPTF	½ NPTF	34	\$737.00	\$552.75	\$508.53
220-338	RD536CCCCAA5A4B1	4-Way/3Pos; 4-Way/3Pos; 4-Way/3Pos	#12 SAE	#10 SAE	34	\$737.00	\$552.75	\$508.53
220-203	RD532GCCGAA5A4B1	Float Spool; 4-Way/3Pos; 4-Way/3Pos	¾ NPTF	½ NPTF	34		\$573.07	

RD5000 SERIES HARDWARE & ACCESSORIES

DBH Part #	Mfg Part #	Description	List	Each	DBH Part #	Mfg Part #	Description	List	Each
Spool Attachments					Handle Kits				
220-1001	660150001	SPRING CENTER KIT	\$61.00	\$45.75	220-1015	660150004	HANDLE HARDWARE KIT	\$41.00	\$30.75
220-1002	660150002	3 POS FRICTION DETENT KIT	\$114.00	\$85.50	220-1016	660350001	HANDLE CLEVIS		\$22.00
220-1003	660150003	Friction Detent Kit		\$89.50	220-1020	660150011	STRAIGHT JOYSTICK KIT		\$415.00
220-1022	660150014	FLOAT HARDWARE KIT		\$172.33	Seal Kits				
Exhaust Options					220-1017	660551001	RD5100 SEAL KIT	\$41.00	\$30.75
220-1006	660312003	CONVERSION PLUG		\$29.65	220-1018	660552001	RD5200 SEAL KIT	\$41.00	\$30.75
220-1007	660312004	POWER BEYOND 3/4 NPTF	\$69.00	\$51.75	220-1019	660553001	RD5300 SEAL KIT		\$67.00
220-1008	660312008	POWER BEYOND #12 SAE	\$63.00	\$47.25	220-1023	660552002	AUTO CYCLE SEAL KIT		\$134.50
220-1012	660312005	CLOSED CENTER PLUG	\$90.00	\$67.50					



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Hydraulic Valves

LOADER VALVES

RD5000 Series

LVR Series

LVT Series

Prince



RD5000 Series Loader Valves

MAX 25 GPM - 3000 PSI
- Relief Setting: 2000 PSI
- Ports: I/O: 3/4" NPT - Work Port: 1/2" NPT

DBH Part #	Mfg Part #	1st Spool	2nd Spool	Wt.	List	Each
220-201-J	RD522GCGA5A4B6	4-Way/4-Pos Float	4-Way/3Pos	23		\$650.00
220-202-J	RD522CCAA5A4B6	4-Way/3-Pos	4-Way/3-Pos	23		\$650.00

LVR Series Loader Valves

MAX 14 GPM - 3000 PSI
- Relief Setting: 2000 PSI
- Ports: I/O: #10 SAE - Work Port: #8 SAE

DBH Part #	Mfg Part #	1st Spool	2nd Spool	Wt.	1-3	4 & Up
226-101	LVR1GB5AB7	4-Way/4-Pos Float	4-Way/3Pos	15	\$769.17	N/A
226-102	LVR1BG5AB7	4-Way/3-Pos	4-Way/4Pos Float	15	\$769.17	N/A

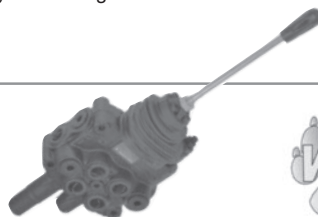
LVT Series Loader Valves

MAX 10 GPM - 3000 PSI
- Relief Setting: 2000 PSI
- Port: I/O: #8 SAE - Work Port: #6 SAE

DBH Part #	Mfg Part #	1st Spool	2nd Spool	Wt.	1-3	4 & Up
226-401	LVT1GB5AB7	4-Way/4Pos Float	4-Way/3Pos	16	\$628.33	N/A
226-501	LVT1GR5AB7	4-Way/4Pos Float	4-Way/4-Pos Regen	16	\$650.00	N/A

Wolverine Loader Valve

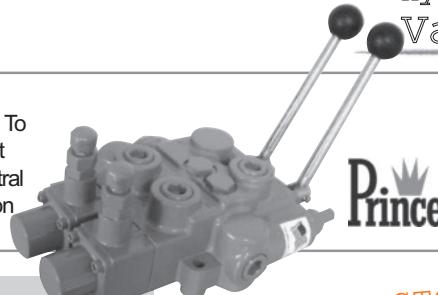
- Max 16 GPM
- MAX 5000 PSI
- Max Tank Port Pressure 725 PSI
- Relief set at 2600 Psi @ 10 GPM, adjustable from 1500-3500



DBH Part #	Mfg Part #	1st Spool	2nd Spool	I/O Port	Work Port	Circuit	Wt.	Each
226-621	WLVS21CGB5A1	4-Way/3-Pos	4-Way/3-Pos Float	8 SAE	8 SAE	Series	11	\$347.21
226-623	WVLT21CGB5A1	4-Way/3 Pos	4-Way/3-Pos Float	8 SAE	8 SAE	Parallel	11	\$347.21
226-622	660170100	Power Beyond Plug						\$27.50

PRINCE AUTO-CYCLE Valve

This 2 handle valve can be used to automatically cycle a hydraulic cylinder. To begin the cycle both handles are pulled back. The cylinder will extend until it reaches the end of its stroke, at which point the first spool will center to neutral and the cylinder will retract automatically! The 220-215 features a conversion plug.



Prince

IN STOCK!!!
AVAILABLE FOR
SAME DAY SHIPPING

DBH Part #	Mfg Part #	Ports	Wt.	List	1-4	5 & Up
220-211	RD523MMEE5A1A1	¾ NPTF	23	\$666.00	\$499.50	\$459.54
220-213	RD525MMEE5A4B1	#12 SAE	23	\$674.00	\$505.50	\$465.06
220-215	RD523MMEE5A4B1	¾ NPTF	23	\$666.00	\$499.50	\$459.54

LS3000 Series Logsplitter Valve

Logsplitter valve - 25 GPM Max
2750 PSI Max



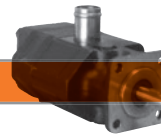
3-Year
Warranty

DBH Part #	Mfg Part #	Spool Type	Spool Action	I/O Port	Work Port	Wt.	List	1-9	10 & Up
222-092	LS-3000-1	4-Way/3-Pos	Detent Return w/ Kickout	¾ NPTF	½ NPTF	10	\$280.00	\$210.00	\$193.20
222-093	LS-3000-2	4-Way/3-Pos	Detent Return w/ Kickout	¾ NPTF	¾ NPTF	10	\$280.00	\$210.00	\$193.20
222-094	LS-3030-1	4-Way/3-Pos	Spring Center to Neutral	¾ NPTF	½ NPTF	10	\$280.00	\$210.00	\$193.20
222-095	LS-3030-2	4-Way/3-Pos	Spring Center to Neutral	¾ NPTF	¾ NPTF	10		\$257.40	N/A
222-097	LSR-3060-3	4-Way/3-Pos	Rapid Extend/ Detent Return w/ Kickout	½ NPTF	¾ NPTF	10		\$339.31	N/A

* New Rapid-Extend Valve; Makes up to 25GPM from Only 4GPM inlet flow

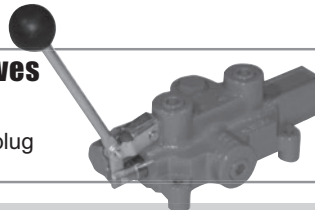
Logsplitter Pumps

PAGE 64



RD2500 Series Directional Control Valves

Monoblock control valve - 20GPM Max
- Easily converts to closed center using included plug
(RD-2575 only)



Prince



3-Year
Warranty

DBH Part #	Mfg Part #	Spool Type	Spool Action	I/O Port	Work Port	Wt.	List	1-9	10 & Up
223-101	RD-2555-T4-ESA1	4-Way/3-Pos	Spring Center to Neutral	½ NPTF	½ NPTF	10	\$263.00	\$197.25	\$181.47
223-102	RD-2575-T4-ESA1	4-Way/3-Pos	Spring Center to Neutral	¾ NPTF	½ NPTF	10	\$261.00	\$195.75	\$180.09
223-103	RD-2575-T4-EDA1	4-Way/3-Pos	3-Pos Detent	¾ NPTF	½ NPTF	10	\$282.00	\$211.50	\$194.58
223-104	RD-2575-T3-ESA1	3-Way/3-Pos	Spring Center to Neutral	¾ NPTF	½ NPTF	10	\$265.00	\$198.75	\$182.85
223-105	RD-2575-M4-ESA1	4-Way/3-Pos Motor	Spring Center to Neutral	¾ NPTF	½ NPTF	10	\$239.00	\$179.25	\$164.91
223-106	RD-2508-T4-ESA1	4-Way/3-Pos	Spring Center to Neutral	#10 SAE	#8 SAE	10	\$239.00	\$179.25	\$164.91
223-107	RD-2575-M4-EDA1	4-Way/3-Pos Motor	3-Pos Detent	¾ NPTF	½ NPTF	10	\$284.00	\$213.00	\$195.96

RD2500 & LS3000 HARDWARE & ACCESSORIES

DBH Part #	Mfg Part #	Description	Each
223-1006	660125001	RD2500 3 Pos Detent Kit	60.75
223-1007	660125002	RD2500 Spring Center Kit	31.67
223-1008	660130001	RD2500 & LS3000 Handle Kit	31.67
223-1009	660525001	RD2500 Seal Kit	31.67
223-1010	660125004	RD2500 & LS3000 Relief Kit	48.95
223-1011	660130007	Pressure Release Detent Kit	114.00
222-1009	660530001	LS3000 Detent Seal Kit	35.00

Hydraulic Valves

Dalton Monoblock Control Valves

- Small footprint - 1-6 spools
- 4568 Max PSI
- 1-8 Spools available
- Closed Center and Power Beyond Plugs Available
- Vertical or Horizontal handle design
- Detent Option Available
- 914 PSI - 2900 PSI Standard (presetto 1740 PSI)



NEW
CATALOG
ITEM



DBH Part #	# of Spools	Max GPM	Spool Type (ALL)	Spool Action (ALL)	I/O Ports	Work Ports	1-9	10 & Up
220-873	1	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$325.23	\$302.46
220-874	2	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$498.50	\$463.61
220-875	3	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$669.20	\$622.35
220-876	4	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$843.21	\$784.18
220-877	5	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$1018.19	\$946.92
220-878	6	26	4-Way/3-Pos	Spring Center	#12 SAE	#12 SAE	\$1191.63	\$1108.22
220-859	R4 Relief Valve	2320-4568 PSI (Preset to 3190 PSI)					\$40.34	
220-879	1	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$174.16	\$161.98
220-880	2	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$226.46	\$210.61
220-881	3	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$297.12	\$276.32
220-882	4	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$358.31	\$333.23
220-883	5	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$421.72	\$392.19
220-884	6	21	4-Way/3-Pos	Spring Center	#12 SAE	#10 SAE	\$485.80	\$451.80
220-860	R4 Relief Valve	2320-4568 PSI (Preset to 3190 PSI)					\$40.16	
220-885	1	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$99.07	\$92.14
220-886	2	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$179.63	\$167.06
220-887	3	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$256.81	\$238.83
220-888	4	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$320.79	\$298.34
220-889	5	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$412.64	\$383.76
220-890	6	14	4-Way/3-Pos	Spring Center	#8 SAE	#8 SAE	\$477.09	\$443.70
220-870	R4 Relief Valve	2320-4568 PSI (Preset to 3190 PSI)					\$38.35	
220-891	1	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$95.34	\$88.66
220-892	2	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$144.84	\$134.70
220-893	3	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$188.23	\$175.05
220-894	4	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$229.16	\$213.13
220-895	5	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$277.61	\$258.17
220-896	6	8	4-Way/3-Pos	Spring Center	#6 SAE	#6 SAE	\$320.86	\$298.40
220-897	R4 Relief Valve	2320-4568 PSI (Preset to 3190 PSI)					\$36.00	

RD1800 Pressure Relief Valves

Direct acting ball/spring type relief

- Adjustable 1000PSI to 2500 PSI
- Set at 1500 PSI

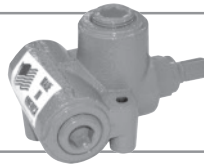


DBH Part #	Mfg Part #	Port Sizes	Max Flow GPM	Wt.	List	1-9	10 & Up
221-101	RD-1837S	3/8 NPTF	8	2	\$125.00	\$93.75	\$86.25
221-107	RD-1837H	3/8 NPTF	8	2	\$125.00	\$93.75	\$86.25
221-102	RD-1850H	1/2 NPTF	16	2	\$125.00	\$93.75	\$86.25
221-103	RD-1850S	1/2 NPTF	16	2	\$125.00	\$93.75	\$86.25
221-105	RD-1875S	3/4 NPTF	20	2	\$125.00	\$93.75	\$86.25
221-104	RD-1875H	3/4 NPTF	20	2	\$125.00	\$93.75	\$86.25

RV Series Relief Valves

Differential poppet type inline relief valve

- Max: 30 GPM
- Max Pressure: 3000 PSI



DBH Part #	Mfg Part #	Port Sizes	Valve Type	Relief Setting	Wt.	List	1-9	10 & Up
227-101	RV-1H	#12 SAE	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-102	RV-2H	3/4 NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-103	RV-4H	1/2 NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-104	RV-2L	3/4 NPTF	Adj. 500-1500 PSI	1000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-105	RV-5H	#8 SAE	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-106	RV-4L	1/2 NPTF	Adj. 500-1500 PSI	1000PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-107	RV-1L	#12 SAE	Adj. 500 - 1500 PSI	1000 PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35
227-108	RV-5L	#8 SAE	Adj. 500 - 1500 PSI	1000 PSI @ 10 GPM	3	\$115.00	\$86.25	\$79.35

DRV Series Double Relief Valves

Differential poppet type Double relief cushion valve

- Max: 30 GPM
- Max Pressure: 3000PSI



DBH Part #	Mfg Part #	Port Sizes	Valve Type	Relief Setting	Wt.	List	1-9	10 & Up
227-201	DRV-1HH	#12 SAE	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	6	\$164.00	\$123.00	\$113.16
227-202	DRV-2HH	3/4 NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	6	\$164.00	\$123.00	\$113.16
227-203	DRV-4HH	1/2 NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	6	\$178.00	\$133.50	\$122.82
227-204	DRV-2LL	3/4 NPTF	Adj. 500-1500 PSI	1000PSI @ 10 GPM	6	\$175.00	\$131.25	\$120.75
227-205	DRV-4LL	1/2 NPTF	Adj. 500-1500 PSI	1000 PSI @ 10 GPM	6	\$175.00	\$131.25	\$120.75
227-206	DRV-5HH	#8 SAE	Adj. 1500-3000 PSI	2000 PSI @ 10 GPM	6	\$178.00	\$133.50	\$122.82
227-207	DRV-1LL	#12 SAE	Adj. 500 - 1500 PSI	1000 PSI @ 10 GPM	6	\$175.00	\$131.25	\$120.75
227-209	DRV-5LL	#8 SAE	Adj. 500-1500 PSI	1000 PSI @ 10 GPM	6	\$175.00	\$131.25	\$120.75

Hydraulic Valves

CROSS Directional Control Valves

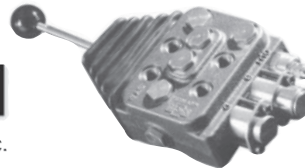
- 2500 PSI Operating Pressure
- Adjustable Relief Set at 2000 PSI
- Field Conversion Kits Available
- 30 GPM Flow Rate
- Built in Load Checks



DBH Part #	Mfg Part #	Spool Type	Spool Action	I/O Port	Work Port	Wt.	EACH
206-300	BA11AG3EA0	4-Way/3-Pos Open Center	Spring Center	3/4" NPTF	1/2" NPTF	13	\$255.18
206-301	BA11BG3EA0	4-Way/3-Pos Open Center	3-Pos Detent	3/4" NPTF	1/2" NPTF	13	\$452.69
206-302	BA11AG3ED0	4-Way/3-Pos Open Center	Spring Center	#12 SAE	#12 SAE	13	\$412.87
206-320	BA12AD5EA0	4-Way/3-Pos Closed Center	Pressure Detent I/O	3/4" NPTF	1/2" NPTF	13	\$255.18
206-322	BA12AD5ED0	4-Way/3-Pos Closed Center	Spring Center	#12 SAE	#12 SAE	13	\$255.18
2 SPOOL VALVES							
206-400	BA211AAG3EA0	4-Way/3-Pos Open Center	Spring Center	3/4" NPTF	1/2" NPTF	21	\$388.21
		4-Way/3-Pos Open Center	Spring Center				
206-401	BA222AAD5EA0	4-Way/3-Pos Closed Center	Spring Center	3/4" NPTF	1/2" NPTF	23	\$388.21
		4-Way/3-Pos Closed Center	Spring Center				
206-402	BA231NAG3EA0	3-Way/3 Pos Open Center	1-Pos Detent/SC "in"	3/4" NPTF	1/2" NPTF	26	\$470.05
		4-Way/3-Pos Open Center	Spring Center				
206-403	BA2A1XAG3EA0	4-Way/4-Pos Float	Spring Center/Float Detent	3/4" NPTF	1/2" NPTF	26	\$442.51
		4-Way/3-Pos Open Center	Spring Center				
206-407	BA211FAG00A0	4-Way/3-Pos	Detent Out Only	3/4" NPTF	1/2" NPTF	25	\$686.88
		4-Way/3-Pos	Spring Center				
3 SPOOL VALVES							
206-500	BA3111AAAG3EA0	4-Way/3-Pos Open Center	Spring Center	3/4" NPTF	1/2" NPTF	33	\$513.99
		4-Way/3-Pos Open Center					
		4-Way/3-Pos Open Center					
206-501	BA3222AAAD5EA0	4-Way/3-Pos Closed Center	Spring Center	3/4" NPTF	1/2" NPTF	33	\$513.99
		4-Way/3-Pos Closed Center					
		4-Way/3-Pos Closed Center					

CROSS Loader Valves

- 3000 PSI Operating Pressure
- 10 or 15 GPM Flow
- #8 SAE Ports
- Integral Load Check
- Parallel Operation

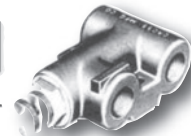


DBH Part #	Mfg Part #	1st Spool	2nd Spool	Flow	Wt.	EACH
206-600	DV102ACXYG0P13	4-Way/4-Pos Float	4-Way/4Pos	10 GPM	16	\$494.51
206-602	DV102A1XAG0P13	4-Way/4-Pos Float	Spring Center	10 GPM	16	\$468.71
206-601	DV152ACXYG0P13	4-Way/4-Pos Float	4-Way/4Pos	15 GPM	16	\$473.32
206-603	DV152A1XAG0P13	4-Way/4-Pos Float	Spring Center	15 GPM	16	\$436.03



CROSS RV Series Pilot Operated Relief Valves

- 400-3000 PSI Operating Pressure
- 40 GPM Flow Rating
- Screw Adjustment with knob standard(for frequent adjustment)
- Optional---(Screw adjustment with acorn nut, for infrequent adjustments)



DBH Part #	Mfg Part #	Port Sizes	Valve Range	Relief Setting	Wt.	EACH
206-800	RV21A	3/4" NPTF	Adj. 500-4000 PSI	500 PSI@ 10 GPM	4	\$332.04
206-801	RV21D	3/4" NPTF	Adj. 500-4000 PSI	2000 PSI@ 10 GPM	4	\$332.04
206-802	RV21F	3/4" NPTF	Adj. 500-4000 PSI	3000 PSI@ 10 GPM	4	\$332.04



CROSS SVS Selector Valves

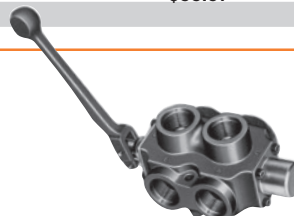
- 2500 PSI Operating Pressure
- Knob Actuated
- Hard Chrome Plated Spool
- 20 GPM (VS2) & 40 GPM (VS4)
- 2 Position, 3 Ports



DBH Part #	Mfg Part #	Port Sizes	Attachment	Wt.	EACH
206-200	VS4BKLF6	3/4" NPTF	Knob	6	\$119.82
206-201	VS2BKLF2	1/2" NPTF	Knob	3	\$88.37

CROSS SSD4 Series Selector Valves

- SSD4- 2500 PSI Operating Pressure
- Knob or Handle Actuated (Handle Shown)
- SSD4-ORB→4500 PSI Working pressure
- Max Flow 40 GPM
- 6- Way, 2 Position with cast-in metering notches for smooth operation



DBH Part #	Mfg Part #	Port Sizes	Attachment	Wt.	EACH
206-204	SD4BALA6	1" NPTF	Handle	9	\$223.79
206-205	SD4BALA7	#16 SAE	Handle	9	\$223.79
206-206	SD4BKLA7	#16 SAE	Knob	9	\$349.92
206-207	SD4BKLA6	1" NPTF	Knob	9	\$349.92

CROSS Sequence Valves

- 2500 PSI Operating Pressure
- 2 Position, 3 Ports

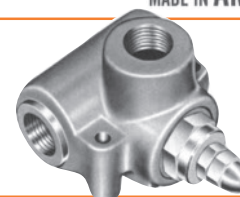


DBH Part #	Mfg Part #	Port Sizes	Pressure	Wt.	EACH
206-730	SQV	#8 SAE	2500 PSI	4	\$181.51



CROSS RD Series Relief Valves

- 500-3000 PSI Operating Pressure
- 30 GPM Flow Rating
- Hydraulically Dampened Poppet use differential areas to provide minimum variation between opening and full flow pressures



DBH Part #	Mfg Part #	Port Sizes	Valve Range	Relief Setting	Wt.	EACH
RD SERIES SINGLE RELIEF						
206-720	RD12B	3/4" NPTF	Adj. 500-1500 PSI	1000PSI @ 10 GPM	3	\$87.24
206-719	RD15B	#12 SAE	Adj. 500-1500 PSI	1000PSI @ 10 GPM	3	\$87.24
206-700	RD12D	3/4" NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$87.24
206-701	RD15D	#12 SAE	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	3	\$87.24

CROSS RC Series Double Relief Valves

- 500-3000 PSI Operating Pressure
- 30 GPM Flow Rating
- Designed to protect equal displacement cylinders or motors from external or shock loads.
- Fluid which passes through one relief valve flows directly to the opposite side of the valve

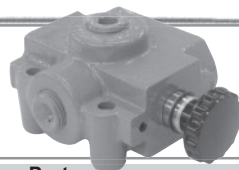


DBH Part #	Mfg Part #	Port Sizes	Valve Range	Relief Setting	Wt.	EACH
RC SERIES DOUBLE RELIEF						
206-750	RC12BB	3/4" NPTF	Adj. 500-1500 PSI	1000PSI @ 10 GPM	4	\$158.26
206-751	RC15BB	#12 SAE	Adj. 500-1500 PSI	1000PSI @ 10 GPM	4	\$158.26
206-760	RC12DD	3/4" NPTF	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	4	\$158.26
206-761	RC15DD	#12 SAE	Adj. 1500-3000 PSI	2000PSI @ 10 GPM	4	\$158.26

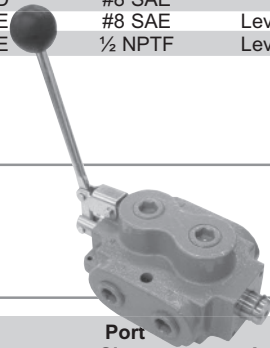
Hydraulic Valves

Single Selector Valves

SS SERIES - SINGLE



DBH Part #	Mfg Part #	Port Sizes	Attachment	Wt.	List	1-9	10 & Up
225-101	SS-2A1D	½ NPTF	Knob	4	\$185.00	\$138.75	\$127.65
225-102	SS-3A1D	#8 SAE	Knob	4	\$188.00	\$141.00	\$129.72
225-103	SS-3A1E	#8 SAE	Lever Handle	4		\$183.60	\$174.96
225-104	SS-2A1E	½ NPTF	Lever Handle	4		\$183.60	\$174.96



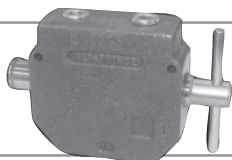
Double Selector Valves

DS SERIES - DOUBLE

DBH Part #	Mfg Part #	Port Sizes	Actuator	Wt.	List	1-9	10 & Up
225-205	DS-1A1E	½ NPTF	Lever Handle	9	\$258.00	\$193.50	\$178.02
225-207	DS-1A1D	½ NPTF	Knob	9	\$242.00	\$181.50	\$166.98
225-201	DS-4A1E	¾ NPTF	Lever Handle	9	\$258.00	\$193.50	\$178.02
225-203	DS-4A1D	¾ NPTF	Knob	9		\$208.80	\$195.48
225-202	DS-5A1E	#12 SAE	Lever Handle	9	\$270.00	\$202.50	\$186.30
225-206	DS-1B1E	½ NPTF	Lever Handle	9		\$208.80	\$195.48

Selector Valves

RD 900 SERIES

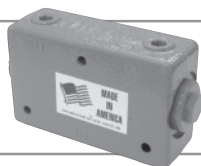


DBH Part #	Mfg Part #	Port Sizes	Wt.	List	Each
221-201	RD-950	½ NPTF	7		\$167.40
221-202	RD-975	¾ NPTF	7	\$210.00	\$154.22

Lock Valves

RD1400 SERIES

Double Pilot Operated

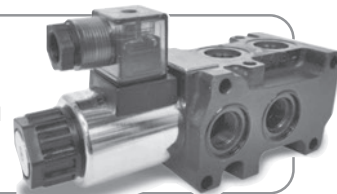


DBH Part #	Mfg Part #	Port Sizes	Wt.	List	Each
228-541	RD-1450	½ NPTF	7	\$264.00	193.88
228-542	RD-1475	¾ NPTF	7	\$264.00	193.88

Solenoid Selector Valve

DOUBLE SELECTOR

- Allows control of 2 separate circuits w/ 1 control valve by the flip of a switch.

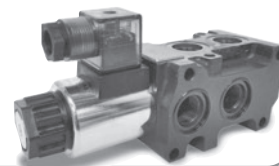


DBH Part #	Port Size	Coil Type	Max Flow	Max PSI	Wt.	EACH
222-787	#8 SAE	12 VDC DIN	15 GPM	3600	9	329.27
222-786	#8 SAE	24 VDC DIN	15 GPM	3600	10	356.83
222-790	#10 SAE	12 VDC DIN	24 GPM	3600	9	384.16
222-791	#10 SAE	24 VDC DIN	24 GPM	3600	10	396.26
222-792	#12 SAE	12 VDC DIN	37 GPM	3600	10	417.09
222-788	#12 SAE	24 VDC DIN	37 GPM	3600	10	417.09

Solenoid Selector Valve

DOUBLE SELECTOR

- Allows control of 2 separate circuits w/ 1 control valve by the flip of a switch.



DBH Part #	Port Size	Coil Type	Max Flow	Max PSI	Wt.	EACH
222-787-D	#8 SAE	12 VDC	13.2 GPM	3600	10	227.11
222-786-D	#8 SAE	24 VDC	13.2 GPM	3600	10	227.11
222-790-D	#10 SAE	12 VDC	18 GPM	3600	12	279.51
222-791-D	#10 SAE	24 VDC	18 GPM	3600	12	279.51

Flow Control Valve

RD100 SERIES

Flow Control Valve - Max: 30 GPM; 3000PSI



Prince

American
Made

3-Year
Warranty

DBH Part #	Mfg Part #	Port Sizes	Flow Range GPM TOP PORT	Wt.	List	1-9	10 & Up
228-101	RD-137-8	3/8 NPTF	0-8	7	\$195.00	\$146.25	\$134.55
228-102	RD-150-8	1/2 NPTF	0-8	7	\$195.00	\$146.25	\$134.55
228-103	RD-150-16	1/2 NPTF	0-16	7	\$195.00	\$146.25	\$134.55
228-104	RD-175-16	3/4 NPTF	0-16	7	\$197.00	\$147.75	\$135.93
228-105	RD-175-30	3/4 NPTF	0-30	7	\$215.00	\$161.25	\$148.35
228-106	RD-108-8	#8 SAE	0-8	7	\$195.00	\$146.25	\$134.55
228-107	RD-112-30	#12 SAE	0-30	7	\$215.00	\$161.25	\$148.35
TOP PORT - BUILT-IN RELIEF							
228-108	RDRS-150-16	1/2 NPTF	0-16	7	\$225.00	\$168.75	\$155.25
228-109	RDRS-175-30	3/4 NPTF	0-30	7	\$245.00	\$183.75	\$169.05

Flow Control Valve

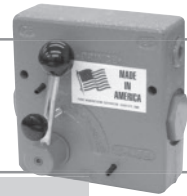
RD1900 SERIES

Flow Control Valve - Max: 30 GPM; 3000PSI

Prince

American
Made

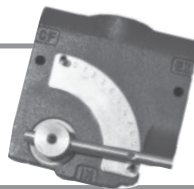
3-Year
Warranty



DBH Part #	Mfg Part #	Port Sizes	Flow Range GPM SIDE PORT	Wt.	List	1-9	10 & Up
228-201	RD-1937-8	3/8 NPTF	0-8	9		\$189.00	\$189.00
228-202	RD-1950-8	1/2 NPTF	0-8	9	\$218.00	\$163.50	\$150.42
228-203	RD-1950-16	1/2 NPTF	0-16	9	\$218.00	\$163.50	\$150.42
228-204	RD-1975-16	3/4 NPTF	0-16	9		\$189.00	\$189.00
228-205	RD-1975-30	3/4 NPTF	0-30	9	\$215.00	\$161.25	\$148.35
228-206	RD-1908-8	#8 SAE	0-8	9		\$189.00	\$189.00
228-207	RD-1912-30	#12 SAE	0-30	9	\$218.00	\$163.50	\$150.42
SIDE PORT - BUILT-IN RELIEF							
228-208	RDRS-1950-16	1/2 NPTF	0-16	9	\$252.00	\$189.00	\$173.88
228-209	RDRS-1975-30	3/4 NPTF	0-30	9	\$245.00	\$183.75	\$169.05

Adjustable Flow Control Valve

- Relief Preset to 1500 PSI
- 3000 PSI Max.
- 180°F max temp
- Side Port Configuration



DBH Part #	Mfg Part #	Brand Cross Ref	Port Sizes	Flow Range GPM	Wt.	1-9	10-UP
242-441W	W-1950-8	FC51-1/2 37	1/2 NPT	0-8	9	94.00	85.71
242-442W	W-1908-8	FC51-8	#8 SAE	0-8	9	94.00	85.71
242-443W	W-1950-16	FC51-1/2	1/2 NPT	0-16	9	94.00	85.71
242-444W	W-1975-30	FC51-3/4	3/4 NPT	0-30	9	94.00	85.71
242-445W	W-1912-30	FC51-12	#12 SAE	0-30	9	94.00	85.71
242-446W	WR-1950-16	FCR51-1/2	1/2 NPT	0-16	9	106.49	97.09
242-447W	WR-1975-30	FCR51-3/4	3/4 NPT	0-30	9	106.49	97.09
242-449-W	WR-1937-8	FCR51-38	3/8 NPT	0-8	9	106.49	97.09

Hydraulic Valves

Flow Dividers

RD200 AND RD300 SERIES
Pressure Compensated



Prince

American Made

3-Year Warranty

DBH Part #	Mfg Part #	Port Sizes	Inlet Flow Range (GPM)	Wt.	List	1-9	10 & Up
FLOW CHECKS							
228-512	RD-250-16	½ NPTF	8 – 19	7	\$175.00	\$154.22	\$117.18
228-513	RD-275-30	¾ NPTF	16 – 30	7		\$177.55	\$165.89
228-514	RD-208-8	#8 SAE	4 – 8	7		\$177.55	\$165.89
FREE REVERSE CHECKS							
228-521	RD-337-8	3/8 NPTF	4 – 8	7	\$232.00	\$170.38	\$155.35
228-522	RD-350-16	½ NPTF	8 – 19	7	\$232.00	\$170.38	\$155.35
228-523	RD-375-30	¾ NPTF	16 – 30	7	\$232.00	\$170.38	\$155.35
228-524	RD-308-8	#8 SAE	4 – 8	7	\$265.00	\$233.54	\$212.93
228-525	RD-312-30	#12 SAE	16 – 30	7	\$247.00	\$216.77	\$198.47

Flow Dividers

RD500 SERIES

Adjustable Priority - Flow Divider - Max: 30 GPM; 3000PSI



Prince

DBH Part #	Mfg Part #	Port Sizes	Wt.	List	1-9	10 & Up
228-503	RD-575	¾ NPTF	7	\$255.00	191.25	175.95

Spool

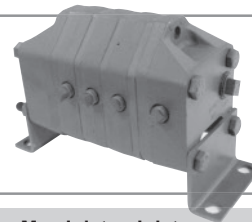
Flow Divider

- Splits one inlet flow into two equal outlet flows.
- Pressure Compensated
- Free Reverse Checks



DBH Part #	Mfg Part #	Max PSI	GPM Inlet Flow	Inlet Port	Each
712-100		3000	2 - 8	3/8" NPT	\$118.21
712-101		3000	8 - 16	½" NPTF	\$118.21
712-102		3000	16 - 30	¾" NPTF	\$118.21
712-103		3000	8 - 16	SAE 10	\$120.07
712-104		3000	16 - 30	SAE 12	\$120.07

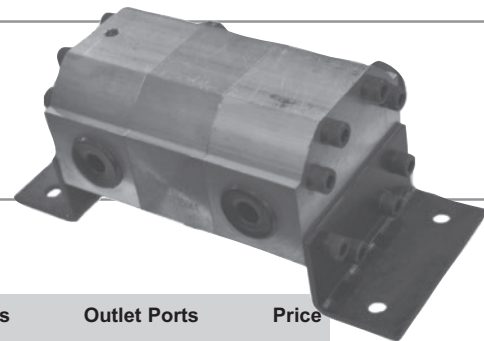
DELTA Gear-Type Flow Divider



DBH Part #	Mfg Part #	Sections	Max Inlet Flow	Inlet Port	Each
228-530	PPM2	4	7	3/8 NPTF	630.44
228-531	PPM2-RV	4	7	3/8 NPTF	921.24
228-535	PM6	2	9	3/8 NPTF	780.98
228-536	PM2	2	9	1/4 NPTF	663.62

Hydraulic Flow Divider Model FD

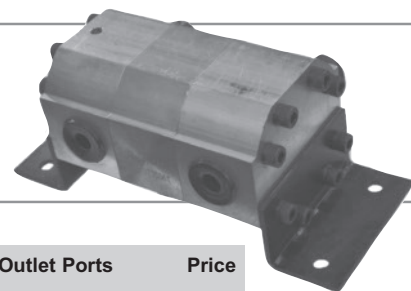
- Rotary Gear Flow Divider with 6 displacements.
- Based on oil at 120° F.
- SAE Ports standard.



DBH #	Mfg #	Cu In Disp	Max GPM	Min GPM	Inlet Ports	Outlet Ports	Price
2 Section							
240-310	FDC-2R132S	.132	2.5	1.20	3/4-16	3/4-16	\$355.65
240-311	FDC-2R194S	.194	4.5	1.70	3/4-16	9/16-18	\$363.66
240-312	FDC-2R264S	.264	5.0	2.50	7/8-14	7/8-14	\$413.02
240-313	FDC-2R299S	.299	5.4	2.80	7/8-14	7/8-14	\$408.93
240-315	FDC-2R538S	.538	9.4	4.7	7/8-14	7/8-14	\$426.01

AFD1 Series Rotary Gear Flow Dividers

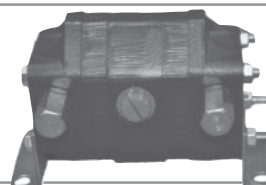
- Cast Iron Housing
- Intensify pressure when pressure higher than pump capacity is required.
- proportionally divide pump flow out among several circuits.



DBH #	Mfg #	Cu In Disp	Max GPM	Min GPM	Inlet Ports	Outlet Ports	Price
2 Section							
240-300	AFD1-2-R-4.24-S	.258	5.0	2.50	SAE 10	SAE 10	\$255.60
240-301	AFD1-2-R-5.29-S	.323	6.0	3.00	SAE 10	SAE 10	\$260.43
240-303	AFD1-2-R-6.36-S	.388	7.0	3.50	SAE 10	SAE 10	\$268.63
240-304	AFD1-2-R-7.42-S	.483	8.0	4.00	SAE 10	SAE 10	\$278.58
240-306	AFD1-2-R-8.42-S	.517	9.0	4.50	SAE 10	SAE 10	\$296.23
4 Section							
240-430	AFD1-4-R-1.60-S	.097	1.7	.80	SAE 6	SAE 6	\$485.53
240-431	AFD1-4-R-2.13-S	.129	2.5	1.20	SAE 8	SAE 8	\$491.40
240-432	AFD1-4-R-3.18-S	.194	4.5	1.70	SAE 8	SAE 6	\$507.61
240-433	AFD1-4-R-4.24-S	.258	5.0	2.50	SAE 10	SAE 10	\$520.32
240-434	AFD1-4-R-5.29-S	.323	6.0	3.00	SAE 10	SAE 10	\$525.31
240-435	AFD1-4-R-6.36-S	.388	7.0	3.50	SAE 10	SAE 10	\$530.64
240-436	AFD1-4-R-7.42-S	.483	8.0	4.00	SAE 10	SAE 10	\$538.58
240-437	AFD1-4-R-8.42-S	.517	9.0	4.50	SAE 10	SAE 10	\$547.26

Hydraulic Flow Divider

- Rotary Gear Flow Divider
- Based on oil at 120° F.
- SAE Ports standard.
- Relief set at 750 PSI



DBH #	Max PSI Inlet	Max PSI Outlet	Cu In Disp	Max GPM	Min GPM	Inlet Ports	Outlet Ports	Price
2 Section								
240-410	3000	3500	.110	2.143	.952	SAE 8	SAE 8	\$406.51
240-412	3000	3500	.251	4.890	2.173	SAE 10	SAE 10	\$405.58
240-414	3000	3500	.323	6.292	2.797	SAE 10	SAE 10	\$428.57
240-415	3000	3500	.479	9.331	4.147	SAE 10	SAE 10	\$423.10
4 Section								
240-416	3000	3500	.110	2.143	.952	SAE 8	SAE 8	\$620.57
240-418	3000	3500	.251	4.890	2.173	SAE 10	SAE 8	\$647.38
240-420	3000	3500	.479	9.331	4.147	SAE 10	SAE 8	\$662.50

Hydraulic Valves

SOLENOID VALVES

D03 SOLENOID VALVES

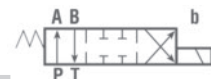
Max PSI: 5000

D05 SOLENOID VALVES

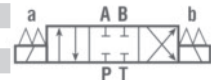
Max PSI: 5000

DBH Part #	MFG. Part #	GPM	Coils # of	Wt. Each	4-9
DC					
240-210	D03S-1A-12D-35	20	1	3	140.06 128.59
240-211	D03S-2B-12D-35	20	2	4	177.73 168.87
240-212	D03S-2H-12D-35	12	2	4	177.73 168.87
240-213	D03S-2F-12D-35	20	2	4	177.73 168.87
240-214	D03S-2F-24D-35	20	2	4	177.73 168.87
240-215	D03S-2C-12D-35	12	2	4	177.73 168.87
240-216	D03S-2C-24D-35	12	2	4	177.73 168.87
240-217	D03SD-2C-12D-35	12	2	4	200.79 178.83
240-220	D03SD-2B-12D-35	20	2	4	200.79 178.83
AC					
240-101	D03S-1A-115A-35	20	1	3	140.06 128.59
240-102	D03S-2B-115A-35	20	2	4	177.73 168.87
240-103	D03S-2H-115A-35	12	2	4	177.73 168.87
240-104	D03S-2F-115A-35	16	2	4	177.73 168.87
240-105	D03S-2C-115A-35	12	2	4	177.73 168.87
Subplates					
240-605	D03 NPT Subplate	3/8" NPT			40.80
240-606	D03 SAE Subplate	#6 SAE			43.61

DBH Part #	MFG. Part #	GPM	Coils # of	Wt. Each	4-9
DC					
240-241	D05S-2H-12D-35	40	2	12	236.06 224.26
240-242	D05S-2F-12D-35	40	2	12	236.06 224.26
240-243	D05S-2F-24D-35	40	2	12	236.06 224.26
240-244	D05S-2C-12D-35	25	2	12	236.06 224.26
240-245	D05S-2C-24D-35	25	2	12	236.06 224.26
AC					
240-110	D05S-1A-115A-35	32	1	12	211.96 200.11
240-111	D05S-2B-115A-35	32	2	12	236.06 224.26
240-112	D05S-2H-115A-35	32	2	12	236.06 224.26
240-113	D05S-2F-115A-35	32	2	12	236.06 224.26
240-114	D05S-2C-115A-35	17	2	12	236.06 224.26
Subplates					
240-601	D05 NPT Subplate	1/2" NPT			60.50
240-602	D05 SAE Subplate	#8 SAE			64.73
240-735	D05 Hi-Flow Subplate	#16 SAE			106.97



1A
SPRING OFFSET,
(CLOSED IN TRANSITION)



2B
SPRING CENTERED,
ALL PORTS BLOCKED



2C
SPRING CENTERED,
P TO T, A & B BLOCKED



2F
SPRING CENTERED,
P BLOCKED, A & B TO T



2H
SPRING CENTERED,
ALL PORTS OPEN

D08 SOLENOID VALVES

High-Flow, Internal Pilot

Max PSI: 4500



DBH Part #	MFG. Part #	Max GPM	Coils # of	Wt. Each
DC				
240-261	D08S-2H-12D-35	75	2	30
240-262	D08S-2F-12D-35	75	2	30
240-269	D08S-2F-24D-35	75	2	30
240-263	D08S-2C-12D-35	65	2	30
240-270	D08S-2C-24D-35	65	2	30
AC				
240-276	D08S-2B-115A-35	75	2	30
240-277	D08S-2H-115A-35	75	2	30
240-278	D08S-2F-115A-35	75	2	30
240-279	D08S-2C-115A-35	65	2	30
Subplates				
240-608	D08 NPT Subplate	1" NPT		175.54
240-607	D08 SAE Subplate	#16 SAE		175.54

DIN CONNECTIONS FOR ALL
D03 & D05 s AVAILABLE

PREFIX D03SD & D05SD Solenoid Valve Subplates D03 Subplate



D08 Subplate

D03 S 2 B-115 A-35 Example: D03 Valve, double solenoid, 3 position, spring centered, all ports blocked in center, 115 volt- ac coils

Size	Code	Actuator	Code	Configuration	Code	Spool Function	Voltage	Current/ Connector
D03	S	Solenoid	1	Single solenoid • 2 position spring offset	A	P to A, B to T	12	
D03	SD	Soln. w/ Din Coil	2	Double solenoid • 3 position spring centered	AY	P to A, B to T	24	A AC
D03	SX	Electric Shockless	3	Double solenoid • 2 position no center, detented	B	All Ports Blocked	115	D DC
D03	SDX	Electric Shockless Din Coil	5	Single solenoid • 2 position spring centered	C	A & B Blocked P to T	230	W/ Light DIN only
D03	SF	Hydraulic Shockless			F	A & B to T P Blocked		AL AC
D03	SDF	Hydraulic Din Coil-Shockless			H	All Ports Open		DL DC
					K	A to T P & B Blocked		
					T	P to A & B, T Blocked		

A spool is closed in transition
AY spool is open in transition

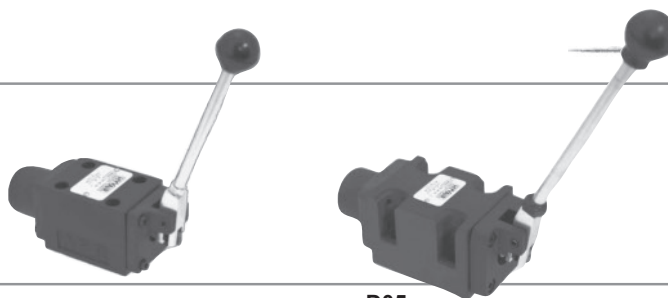


**D05 Valve on
Hi-Flow 40GPM
Subplate**

*****Subplates NOT
included**

SOLENOID VALVES

HIGH PRESSURE, HIGH FLOW

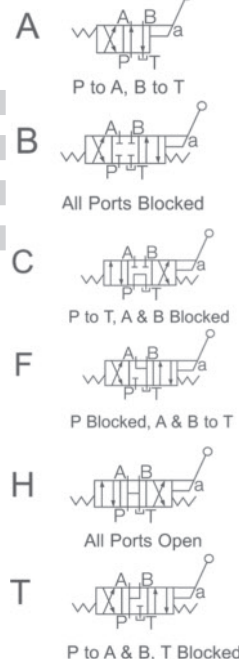


D03

DBH Part #	MFG. Part #	GPM @3000 PSI	Wt. Each	4-9
240-150	D03M-1A	7	3	194.40 180.44
240-151	D03M-2A	7	4	194.40 180.44
240-152	D03M-2B	7	4	194.40 180.44
240-153	D03M-2C	7	4	194.40 180.44
240-154	D03M-2F	7	4	194.40 180.44
240-155	D03M-2H	7	4	194.40 180.44

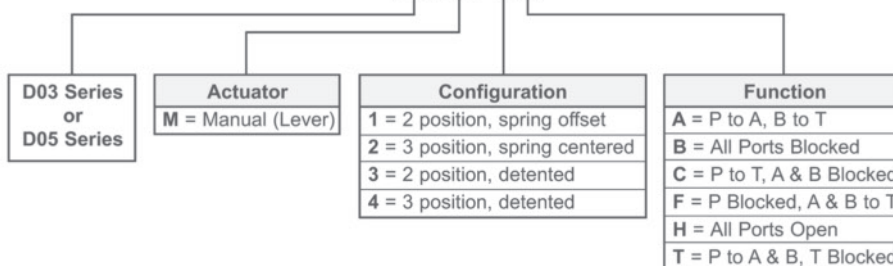
D05

DBH Part #	MFG. Part #	GPM @3000 PSI	Wt. Each	4-9
240-157	D05M-1A	12	12	249.95 236.39
240-158	D05M-2A	12	12	249.95 236.39
240-159	D05M-2B	12	12	249.95 236.39
240-160	D05M-2C	12	12	249.95 236.39
240-161	D05M-2F	12	12	249.95 236.39
240-162	D05M-2H	12	12	249.95 236.39
240-163	D05M-2T	12	12	249.95 236.39



Ordering Information

D03 M - 2 B



Miniature Solenoid Valve Manifold

5 GPM NOMINAL FLOW
3000 PSI MAX



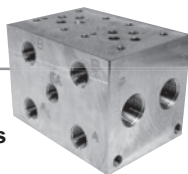
DBH Part #	MFG. Part #	P & T Banks Ports	A & B Ports	1-3	4-Up
D03 PARALLEL					
240-630	MD03M-1S-6AB-6PT	1	#6 SAE #6 SAE	79.21	74.07
240-631	MD03M-2S-6AB-6PT	2	#6 SAE #6 SAE	87.68	85.35
240-632	MD03M-3S-6AB-6PT	3	#6 SAE #6 SAE	115.78	107.99
240-633	MD03M-4S-6AB-6PT	4	#6 SAE #6 SAE	146.07	139.68
240-634	MD03M-5S-6AB-6PT	5	#6 SAE #6 SAE	174.86	167.44
240-635	MD03M-6S-6AB-6PT	6	#6 SAE #6 SAE	199.15	186.71



Hydraulic Valves

Solenoid Valve Manifolds

D03 Manifolds



D05 Manifolds



DBH Part #	MFG. Part #	P & T Banks Ports	A & B Ports	1-3	4-Up
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D03 PARALLEL

240-610	MD03-1S-8AB-10PT	1 #10 SAE	#8 SAE	86.63	83.63
240-611	MD03-2S-8AB-10PT	2 #10 SAE	#8 SAE	120.16	114.05
240-612	MD03-3S-8AB-10PT	3 #10 SAE	#8 SAE	161.15	145.98
240-613	MD03-4S-8AB-10PT	4 #10 SAE	#8 SAE	191.54	185.52
240-615	MD03-6S-8AB-10PT	6 #10 SAE	#8 SAE	243.26	218.21

D03 SERIES

240-621	AD03-S-022-S	2 #10 SAE	#8 SAE	167.22	158.90
240-622	AD03-S-032-S	3 #10 SAE	#8 SAE	199.72	199.03
240-623	AD03-S-042-S	4 #10 SAE	#8 SAE	252.52	234.17

D03 SERIES W/ RELIEF CAVITY

240-610-C	AD03-S-012-S-C	1 #10 SAE	#8 SAE	163.85	158.90
240-621-C	AD03-S-022-S-C	2 #10 SAE	#8 SAE	244.16	230.83
240-622-C	AD03-S-032-S-C	3 #10 SAE	#8 SAE	275.94	264.28

DBH Part #	MFG. Part #	P & T Banks Ports	A & B Ports	1-3	4-Up
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D05 PARALLEL

240-710	AD05-P-013-S	1 #12 SAE	#8 SAE	135.52	128.03
240-701	AD05-P-023-S	2 #12 SAE	#8 SAE	179.32	168.71
240-702	AD05-P-033-S	3 #12 SAE	#8 SAE	248.89	233.32
240-703	AD05-P-043-S	4 #12 SAE	#8 SAE	305.73	284.69

D05 SERIES

240-711	AD05-S-023-S	2 #12 SAE	#8 SAE	275.76	264.87
240-712	AD05-S-033-S	3 #12 SAE	#8 SAE	360.30	350.44
240-713	AD05-S-043-S	4 #12 SAE	#8 SAE	370.13	356.64

D05 SERIES W/ RELIEF CAVITY

240-710-C	AD05-S-023-S-C	1 #12 SAE	#8 SAE	243.51	231.97
240-711-C	AD05-S-023-S-C	2 #12 SAE	#8 SAE	293.22	280.03
240-712-C	AD05-S-033-S-C	3 #12 SAE	#8 SAE	397.60	384.40

Cartridge Valves

241-254-R
4 Way/3 Pos
w/ Built in
Relief



DBH Part #	MFG Part #	Max GPM	Description	Voltage	Ports	Each
2 WAY/2 POSITION W/ BODY						
241-290	DSV-100-2NOS-N-D1D-3N	5	2W2P Normally Open	12 VDC	3/8" NPT	176.85
241-291	DSV-100-2NCSP-N-D1D-3N	5	2W2P Normally Closed (Lock valve)	12 VDC	3/8" NPT	179.54
241-281	DSV-100-2NCSP-N-D2D-3N	5	2W2P Normally Closed (Lock valve)	24 VDC	3/8" NPT	204.27
4 WAY/2 POSITION W/ BODY						
241-241	DSV2-080-4CO-N-D1D-3N	3	4W2P Directional Valve	12 VDC	3/8" NPT	218.54
241-246	DSV2-100-4CO-N-D1D-3N	6	4W2P Directional Valve	12 VDC	3/8" NPT	218.54
4 WAY/3 POSITION W/ BODY						
241-254	DSV-080-34T-N-D1D-3N	3	4W3P Directional Tandem Spool	12 VDC	3/8" NPT	240.38
241-260	DSV-080-34M-N-D1D-3N	3	4W3P Directional Motor Spool	12 VDC	3/8" NPT	240.38
241-264	DSV-100-34T-N-D1D-3N	5	4W3P Directional Tandem Spool	12 VDC	3/8" NPT	262.25
241-265	DSV-100-34T-N-A5C-3N	5	4W3P Directional Tandem Spool	115 VAC	3/8" NPT	284.11
241-254-R	DSV-080-34T-N-D1D-3N-RV	5	4W3P Directional Spool w/ Relief	12 VDC	3/8" NPT	280.96
RELIEF VALVES W/ BODY						
241-210	DRV2-080-N-S-20-2N	3	300-2000 PSI Adj Relief	NA	1/4" NPT	122.91
241-214	DRV2-080-N-S-30-3N	6	400-3000 PSI Adj Relief	NA	3/8" NPT	122.91
RELIEF VALVE CARTRIDGE ONLY						
241-411	HPOR-10-4K	Cartridge Relief Valve - Standard Cavity		600-4000 PSI		92.17
250-197	B-100-2-3N	2-Way Cartridge Valve Body				44.20

Solenoid Pressure Switches

241-452



241-490



241-460



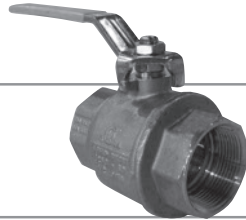
241-470



DBH Part #	MFG Part #	Description	Adjustment Range (PSI)	Each
241-452	PS20-2K	Pressure Switch	200-2000	86.61
241-453	PS20-3.6K	Pressure Switch	500-3600	86.61
241-490	PS20-.5K-K	Pressure Switch w/ Knob	90-500	131.73
241-492	PS20-3.6K-K	Pressure Switch w/ Knob	500-3600	131.73
241-460	D03-PSA-.5K	D03 Sandwich Pr. Switch	90-500	127.29
241-463	D03-PSA-3.6K	D03 Sandwich Pr. Switch	500-3600	127.29
241-471	D03-PSAB-3.6K	D03 Sandwich Dbl. Pr. Switch	500-3600	141.89

Ball Valves

LOW PRESSURE
600 PSI



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-4	5-Up
242-101	2BVL-2004B	1/4" NPTF	7.9	10.58	10.26
242-102	2BVL-2006B	3/8" NPTF	7.9	10.58	10.26
242-103	2BVL-2008B	1/2" NPTF	9.1	11.72	10.91
242-104	2BVL-2012B	3/4" NPTF	12.2	17.40	15.38
242-105	2BVL-2016B	1" NPTF	17.5	20.62	18.82
242-106	2BVL-2020B	1 1/4" NPTF	28.7	37.62	35.23
242-107	2BVL-2024B	1 1/2" NPTF	43	56.45	53.03
242-108	2BVL-2032B	2" NPTF	59.8	78.68	74.57
242-109	2BVL-2040B	2 1/2" NPTF	130	169.34	160.79
242-110	2BVL-2048B	3" NPTF	195	253.18	241.20

Ball Valves

**HIGH PRESSURE-
MEDIUM DUTY**



DBH Part #	Mfg Part #	Port Sizes	List Wt.	1-4	5-Up
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7250 PSI

242-131-D	1/4" NPTF	32.00	2	37.62	33.36
242-132-D	3/8" NPTF	33.00	3	41.04	36.78
242-133-D	1/2" NPTF	38.00	3	51.31	47.04

5000 PSI

242-134-D	3/4" NPTF	74.00	5	80.39	76.13
242-135-D	1" NPTF	96.00	6	126.58	120.61

3600 PSI

242-136-D	1 1/4" NPTF	158.00	8	208.69	197.59
242-137-D	1 1/2" NPTF	152.00	10	224.10	197.59

Flow Control Valve

Carbon Steel -Color Flow
- Also Available in Brass



DBH Part #	Cross Ref	Port Sizes	1-4	5-Up
240-502-D	F400S	1/4" NPTF	43.89	36.85
240-503-D	F600S	3/8" NPTF	45.46	41.95
240-504-D	F800S	1/2" NPTF	59.25	52.54
240-505-D	F1200S	3/4" NPTF	87.66	78.25

Flow Control Valve

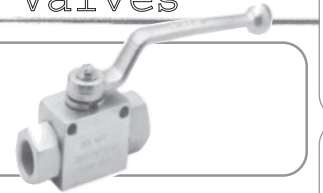
5000 PSI - Carbon Steel
- Color banded
- Temp range -20° - 210° F
- ** 3/4" & 1" are 3,000 PSI max



DBH Part #	Mfg Part #	Port Sizes	Max Flow	Wt.	Each
240-802-P	WFC-400	1/4" NPTF	5 GPM	1	52.72
240-803-P	WFC-600	3/8" NPTF	8 GPM	1	54.00
240-804-P	WFC-800	1/2" NPTF	15 GPM	2	57.25
240-805-P	WFC-1200	3/4" NPTF	25 GPM	3	73.34
240-806-P	WFC-1600	1" NPTF	40 GPM	4	208.64

Ball Valves- 2 WAY

- 7250 PSI
- Blow-Out proof Stems
- Carbon Steel



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-4	5-Up
242-162-DDE2-04-SAE		4 SAE	2	34.30	28.33
242-163-DDE2-06-SAE		6 SAE	2	36.66	29.27
242-161-DDE2-08-SAE		8 SAE	3	41.20	32.69
242-164-DDE2-12-SAE		12 SAE	6	58.69	51.44

Ball Valves- 3 WAY

- 5880 PSI
- Blow-Out proof Stems
- Carbon Steel



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-4	5-Up
242-172-D DE3L-06-SAE		6 SAE	2	75.79	66.29
242-171-D DE3L-08-SAE		8 SAE	6	98.52	82.18
242-174-D DE3L-12-SAE		12 SAE	9	111.92	94.27
242-175-D DE3L-16-SAE		16 SAE	12	130.44	112.15

Needle Valve

- 5000 PSI
- Carbon Steel
- **3000 PSI



DBH Part #	Similar to Part #	Port Sizes	GPM	1-4	5-Up
240-531-P	WNV-400	1/4" NPTF	5	30.76	25.99
240-532-P	WNV-600	3/8" NPTF	8	40.94	35.02
240-533-P	WNV-800	1/2" NPTF	16	52.17	44.07
240-534-P	PWNV-1200**	3/4" NPTF	25	130.77	125.77

Needle Valve

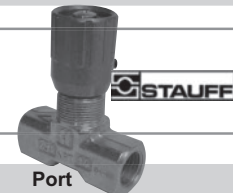
5000 PSI



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-9	10-Up
240-832-DJP-NV-1/4-NPT-S	1/4" NPTF	1	48.58	43.64	
240-833-DJP-NV-3/8-NPT-S	3/8" NPTF	1	57.97	50.23	
240-834-DJP-NV-1/2-NPT-S	1/2" NPTF	2	76.05	65.03	
240-835-DJP-NV-3/4-NPT-S	3/4" NPTF	3	95.62	86.45	
240-836-DJP-NV-1-NPT-S	1" NPTF	4	192.42	172.90	

Needle Valve

NVH SERIES
5000 PSI



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-9	10-Up
240-811	NVH-8N	1/4" NPTF	1	51.49	44.46
240-812	NVH-10N	3/8" NPTF	1	54.30	46.93
240-813	NVH-12N	1/2" NPTF	2	69.11	55.17

Hydraulic Valves

SPIN-ON FILTERS

- Indicator & Ports Available

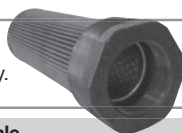


021-211 &
021-216

DBH Part#	MAX GPM	MAX PSI	Micron	Description	PORT SIZE	BYPASS VALVE	1-9	10 & UP
HEADS								
021-211-A	25	200			3/4" NPT	25 PSI	15.80	11.62
021-221-A	60	200			1-1/4" NPT	25 PSI	25.94	23.98
021-222	60	200		2" Indicator	1-1/4" NPT	25 PSI	34.12	31.38
021-210	25	200			1/2" NPT	25 PSI	13.65	11.62
021-229	20	100		Tank Top Spin on Filter	3/4" NPT	25 PSI	106.92	-
020-503	34	200			1" NPT	25 PSI	31.41	27.31
ELEMENTS								
021-216	20	200	10		fits 3/4"		16.97	15.27
021-217	20	200	25		fits 3/4"		16.97	15.27
021-226	60	200	10		fits 1-1/4"		32.57	30.98
021-227	25	200	25		fits 1-1/4"		32.57	30.98

TANK MOUNTED STRAINER

- Made for easy servicing; interior tank access not necessary.



DBH Part#	Mfg. #	Port	Overall Length (In.)	GPM	Male Thread	1-5	6-up
021-003	TMF-03-0	1/2 NPT	4	5	3/4 NPT	24.28	22.16
021-005	TMF-05-0	1/2 NPT	5.3	5	1 NPT	26.01	23.38
021-008-A		3/4 NPT	8.2	10	1 1/4 NPT	25.69	24.32
021-014	TMF-15-0	1 NPT	8.2	15	1 1/2 NPT	31.22	26.84
021-023-A		1 1/4 NPT	9.0	25	2 NPT	34.69	30.34
021-053-A		2 NPT	9.7	53	3 NPT	53.04	52.91
021-116	TMF-100-0	3 NPT	11.3	116	4 NPT	109.42	96.88

THREADED SCREW-IN STYLE METAL FILLER BREATHER



DBH Part#	Mfg. #	Micron	OVL	Male Thread	1-5	6-UP
022-012-A		10	2.9	3/4 NPT	15.08	13.66
022-013-D		40	2.9	3/4 NPT	17.02	14.34

SCREW-IN PLASTIC FILLER BREATHER



DBH Part#	Micron	OVL	Male Thread	1-5	6-UP
022-014	10	2.25	3/4 NPT	16.54	13.80

BOLT-ON (BAYONET STYLE) METAL FILLER BREATHER



DBH Part#	Mfg. #	Micron	OVL	1-5	6-UP
022-010-A		10	5.32	14.89	13.60
022-011-A		40	5.32	14.47	13.04
022-211-A		40	5.32	23.48	20.15

TANK RETURN-LINE DIFFUSER



DBH Part#	Max GPM	Length	Thread	Each
020-596	53	5.5"	1 1/4" NPT	49.59
020-597	60	7.9"	1 1/2" NPT	52.93

INTERNALLY MOUNTED SUMP STRAINER



DBH Part#	Mfg. #	Port	Overall Length (In.)	GPM	1-5	6-up
020-005	SUS-P-050-N08F-105-125-0	1/2 NPT	4.2	5	20.23	17.74
020-008-A		3/4 NPT	4.1	8	25.69	18.76
020-014-A		1 NPT	5.5	10	23.13	20.21
020-023	SUS-P-088-N20F-140-125-0	1 1/4 NPT	5.5	20	38.21	33.99
020-032	SUS-P-088-N24F-140-125-0	1 1/2 NPT	5.5	30	28.92	24.55
020-050	SUS-P-102-N24F-200-125-0	1 1/2 NPT	7.87	50	60.58	54.68
020-053	SUS-P-102-N32F-200-125-0	2 NPT	10.24	50	71.60	63.04
020-075	SUS-P-102-N40F-200-125-0	2 1/2 NPT	8.4	75	81.81	72.83
020-116	SUS-P-102-N48F-200-125-0	3 NPT	10.7	100	110.07	102.35

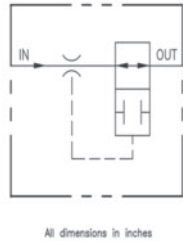
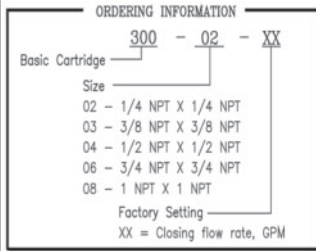
RESERVOIR BREATHER

Enables a standard 10 micron spin-on filter element to be used as a reservoir breather.



DBH Part#	Mfg. #	A	B	Each
020-004	200400039	3/4" NPT	1"-12 UNF-2A	\$20.23

VELOCITY FUSES COMPLETELY SHUT OFF FLOW IF FLOW EXCEEDS THE PRESET RATE. PREVENTS FREE FALL IN CASE OF LINE BURST. FREE REVERSE FLOW.

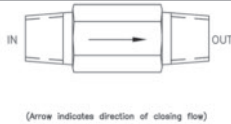


Velocity Fuse

300 SERIES

3000 PSI

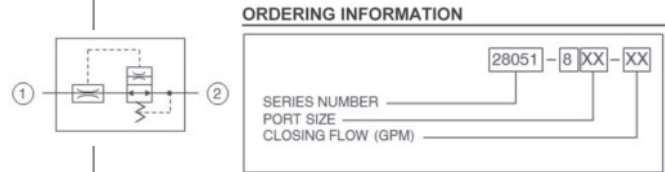
Male Pipe x Male Pipe



(Arrow indicates direction of closing flow)

DBH Part #	Mfg Part #	Port Sizes	Flow Range.	Hex	Price
241-630	300-02-xx	1/4" NPTF	.5 - 4 GPM	5/8"	33.45
241-631	300-03-xx	3/8" NPTF	.5 - 8 GPM	3/4"	27.00
241-632	300-04-xx	1/2" NPTF	1 - 20 GPM	7/8"	36.10
241-633	300-06-xx	3/4" NPTF	2 - 35 GPM	1 1/8"	56.59

INLINE FLOW PROTECTORS SHUT OFF FLOW IF FLOW EXCEEDS THE PRESET RATE. PREVENTS FREE FALL IN CASE OF LINE BURST, THEN ALLOWS METERED FLOW AFTER CLOSING. FREE REVERSE FLOW. BLEED RATE AFTER CLOSING IS 2.0 - 3.0 GPM



Flow Protector- Inline

28050-500 SERIES

3000 PSI

Male Pipe x Male Pipe



DBH Part #	Mfg Part #	Port Sizes	Flow Range.	Hex	Price
241-650	28050-502-xx	1/4" NPTF	.1 - 4 GPM	5/8"	43.14
241-651	28050-503-xx	3/8" NPTF	.5 - 10 GPM	3/4"	46.76
241-652	28050-504-xx	1/2" NPTF	.5 - 25 GPM	7/8"	49.80
241-653	28050-506-xx	3/4" NPTF	2 - 40 GPM	1 1/8"	74.69

Check Valves

Pilot Operated Check Valve

RD1600 SERIES

Pilot Operated



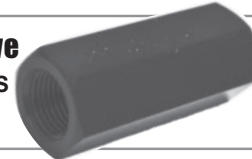
DBH Part #	Mfg Part #	Port Sizes	Wt.	List	1-9	10 & Up
228-546	RD-1650	1/2" NPTF	2	\$237.00	174.05	158.70
228-547	RD-1608	#8 SAE	2	\$237.00	174.05	158.70

Inline Check Valve

WOLVERINE SERIES

5000 PSI

Carbon Steel Body



DBH Part #	Port Sizes (A)	B	Length	Wt.	Each
240-545-W	1/4" NPTF	.78	2.18	1	40.66
240-546-W	3/8" NPTF	1	2.56	1	43.32
240-547-W	1/2" NPTF	1.13	2.88	1	53.04
240-548-W	3/4" NPTF	1.50	3.50	2	89.28
240-549-W	1" NPTF	1.81	5.00	3	112.27

Pilot Operated Check Valve

PC SERIES

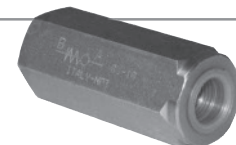
-Threads directly into cylinder port to provide safety check in case of accidental pressure loss.



DBH Part #	Mfg Part #	Port Sizes	Wt.	1-4	5-Up
240-538	PC37C	3/8" NPT	1	76.35	66.72
240-539	PC50C	1/2" NPT	1.5	95.49	85.22

Inline Check Valve

5000 PSI



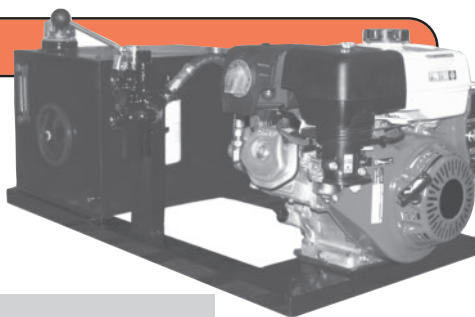
DBH Part #	Port Sizes	Wt.	1-4	5-Up
240-515	1/4" NPTF	1	34.20	29.81
240-516	3/8" NPTF	1	32.09	31.39
240-517	1/2" NPTF	2	50.64	33.74
240-518	3/4" NPTF	3	54.34	49.45

Hydraulic Power Units

Gasoline Driven Hydraulic Units

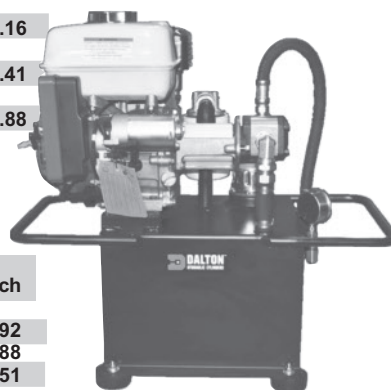
Rail Mount Units

- Dependable performance;
- Electric start w/ Recoil back-up
- Fully adjustable relief & pressure gauge
- Spin-on Filter for ease of maintenance
- Manual (as pictured) or Solenoid Control Valves **Optional**
- Battery not included.
- Valving not included in price.



DBH Part #	Engine HP	GPM @ 2000 PSI	Start Method	Reservoir	Each
254-925-R	5.5	2.9	Electric / Recoil	5 Gal	2159.09
		29L x 17W x 27H	212 lbs.		
254-931	5.5	2.9	Electric / Recoil	5 Gal	2071.12
		25L x 17W x 27H	207 lbs.		
254-933	9	5.5	Electric / Recoil	10 Gal	2993.85
		45L x 20W x 24H	285 lbs.		
254-936	13	8.0	Electric / Recoil	15 Gal	3293.16
		45L x 20W x 24H	297 lbs.		
254-941	20	10.0	Electric / Recoil	20 Gal	4385.41
		48L x 26W x 28H	420 lbs.		
254-943	26	15.0	Electric / Recoil	30 Gal	4690.88
		48L x 26W x 28H	450 lbs.		

254-925-R



WITH 2-STAGE (HI-LOW) PUMP

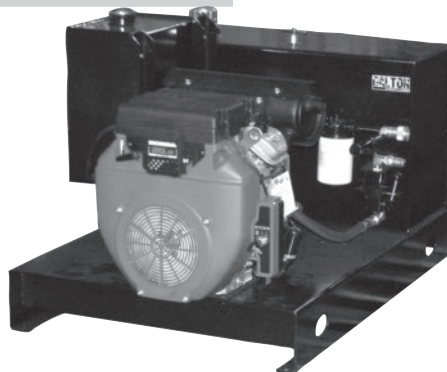
- For High-speed operation at low pressure

DBH Part #	Engine HP	Hi Flow GPM @ Low Pressure	Start Method	Reservoir	Each
254-921	5.5	7	Electric / Recoil	5 Gal	2095.92
254-922	9	11	Electric / Recoil	10 Gal	2938.88
254-924	13	16	Electric / Recoil	10 Gal	3143.51

L-Tank Units

DBH Part #	Engine HP	GPM @ 2000 PSI	Start Method	Reservoir	Each
254-979	9	5.5	Electric / Recoil	10 Gal	3031.59
		26L x 24W x 27H	315 lbs.		
254-981	13	8.0	Electric / Recoil	10 Gal	3293.16
		26L x 24W x 27H	345 lbs.		
254-988	20	10.0	Electric / Recoil	20 Gal	4681.99
254-991	26	15.0	Electric / Recoil	20 Gal	5822.36

- Electric start w/ Recoil back-up
- Heavy-Duty Reservoir w/ Hinged Lid, and raised platform for easy transport via forklift
- Spin-on Filter
- Directional Control Valves Optional
- Battery not included.



A/C Hydraulic Units

Hydraulic Power Units

Hydraulic Cylinders

Rod & Tubing

Hydraulic Pumps

Hydraulic Motors

Hydraulic Valves

Power Units

Hoses, Fittings & Accessories

Bearings

Power Transmission

Miscellaneous

Small Footprint Vertical Units

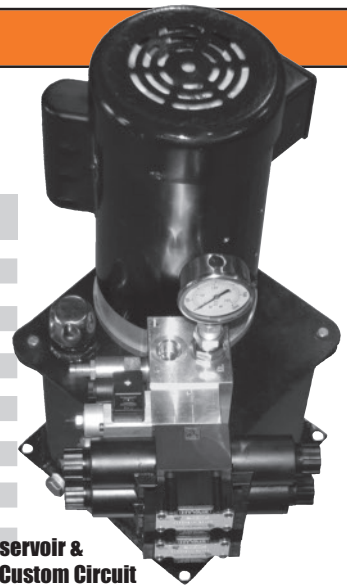
- High Performance - Continuous Duty; 10"X10" Footprint Steel reservoir w/ level gauge; Fully adjustable relief & pressure gauge; Options include Multiple Valves, Sandwich Valves, Flow Control and Oil Cooler.

Specifications:

- 2HP AC Continuous Duty
- 1.5 GPM @ 2,000PSI
- Adjustable Relief
- Single Solenoid Valve Standard

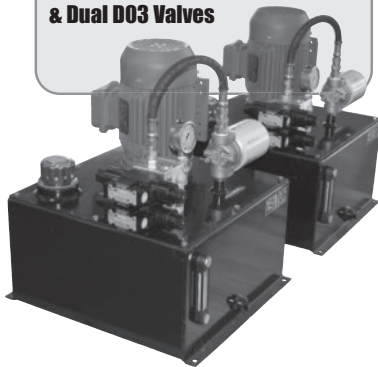
DBH Part #	Valves	Max PSI	RPM	Voltage	Phase	Reservoir	Each
254-302-01	Single D03	2000	1750	208-230/460	3 Ph	2 Gal	1489.59
				13Lx 16W x 20H		165 lbs	
254-302-02	Dual D03	2000	1750	208-230/460	3 Ph	2 Gal	1755.99
				13Lx 16W x 20H		165 lbs	
254-303-01	Single D03	2000	1750	208-230/460	3 Ph	3 Gal	1683.59
				13L x 16W x 24H		170 lbs	
254-102-01	Single D03	2000	1750	115/208-230	1 Ph	2 Gal	1755.46
				15L x 15W x 24H		161 lbs	
254-103-01	Single D03	2000	1750	115/208-230	1 Ph	3 Gal	1830.25
				15L x 15W x 24H		170 lbs	
254-103-02	Dual D03	2000	1750	115/208-230	1 Ph	3 Gal	1905.07
				15L x 15W x 24H		170 lbs.	

2HP w/ 3 Gal Reservoir & Autocycle D03 Custom Circuit



Vertical Tank Units

2HP w/ 10 Gal Reservoir & Dual D03 Valves



- High performance gear pump; Top-quality steel reservoir w/ level gauge; Fully adjustable relief & pressure gauge; Manual & electronic control valve options available; Also Available w/ vane pumps for quiet, seamless operation

DBH Part #	Motor HP	GPM @ 2000 PSI	RPM	Voltage	Phase	Reservoir	Each
254-804	2	1.5	1750	115/208-230	1 Ph	5 Gal	1656.99
				18Lx 16W x 24H		205 lbs	
254-805	2	1.5	1750	208-230/460	3 Ph	5 Gal	1607.77
				16W x 13L x 22H		212 lbs	
254-806	5	3.7	1750	208-230/460	3 Ph	10 Gal	1940.03
				20W x 21L x 24H		335 lbs	
254-808	5	3.7	1750	230	1 Ph	10 Gal	2380.09
				21W x 19L x 26H		250 lbs	

ORDER CUSTOM HYDRAULIC UNITS

PU - A3 - G10.0 - 20 - H15 - ECX2 - QC

Motor	Pump Option	Flow (GPM)	Max Cont. Pressure (PSI in hundreds)	Reservoir Option	Reservoir Capacity (Gal)	Valve Option	# of Valves	Special Features
GR Gas - Recoil Start	G Gear	0 - 100	01 - 30 100-3000	H Horizontal	02	PT P & T Only - No Valve	1 - 10	OC Oil Cooler
GE Gas - Electric Start	V Vane			J JIC	03	EA Solenoid - 3-Way		FC Adj. Flow Control
A1 115VAC - 1 Ph	P PC Piston			L L-Shape	05	EB Solenoid - 4-Way Closed		EC Elec. Flow Control
A2 230 VAC - 1 Ph	H 2-Stage			V Vertical	08	EC Solenoid - 4-Way Tandem		QC Quick Disconnects
A3 208-230/460 VAC - 3 Ph					10	EF Solenoid - 4-Way Float		NP No Paint
					15	EH Solenoid - 4-Way Open		O Specify
					20	M3 Manual - 3-Way		
					25	M4 Manual - 4-Way		
					30	MM Manual - 4-Way Motor		
					40	MF Manual - 4-Way Float		
					50	O Other (Specify)		
					60			

All units include:
 - Pressure Relief Valve
 - Pressure Gauge
 - Suction Strainer
 - Return Filter
 - Level Gauge w/ Thermometer

EXAMPLE:

A/C 3Phase, 10 GPM @ 1500PSI, 15 Gallon Horizontal Reservoir, (2) Tandem Center Solenoid Valves with Quick Disconnects on Work Ports

Call or email Custom power unit requests to: sales@daltonnet.com



PHONE: 1-888-898-5031
 FAX: 1-865-933-5377

EMAIL: sales@DALTONNET.com
 ORDER www.DaltonHydraulic.com

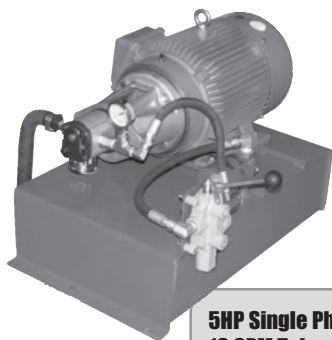
89

Hydraulic Power Units

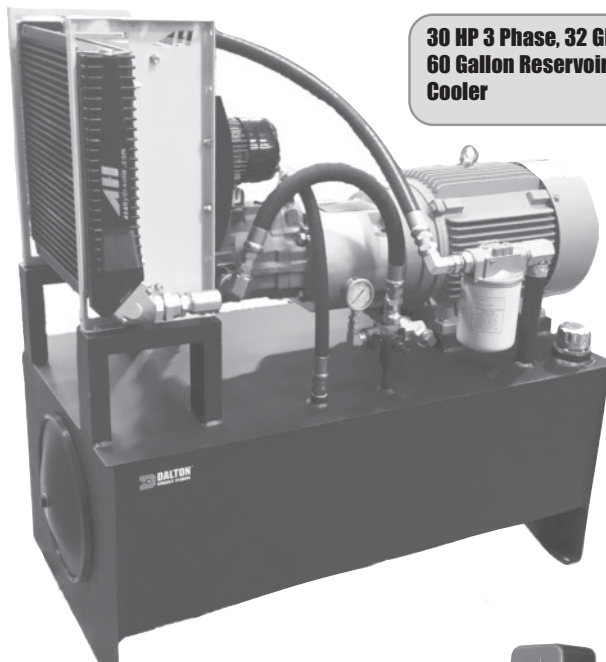
Horizontal Tank Mount Units

- High performance gear pump; Fully adjustable relief & pressure gauge; Spin-on Filter for ease of maintenance; Control valves options available; Integrated flow control available; Also Available w/ vane pumps for quiet, seamless operation

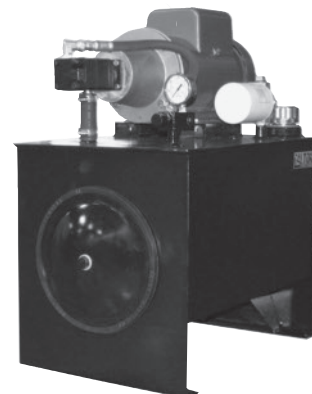
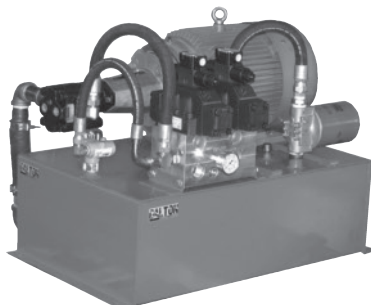
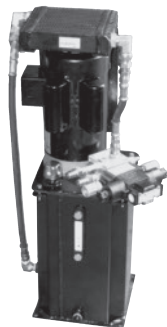
DBH Part #	Motor HP	GPM @ 2000 PSI	RPM	Voltage	Phase	Reservoir	Each
254-952	5	3.7	1750	208-230/460	3 Ph	10 Gal	2509.42
				24Lx 21W x 26H 305 lbs.			
254-954	5	3.7	1750	230	1 Ph	10 Gal	3012.11
				24L x 21W x 26H 301 lbs.			
254-960	7.5	5.2	1750	208-230/460	3 Ph	15 Gal	3116.37
				27L x 20W x 29H 365 lbs.			
254-968	10	7.4	1750	208-230/460	3 Ph	20 Gal	3483.17
				29L x 23W x 30H 325 lbs.			
254-969	10	7.4	1750	208-230/460	1 Ph	20 Gal	4698.06
				29L x 23W x 30H 325 lbs.			
254-972	15	10.2	1750	208-230/460	3 Ph	20 Gal	4045.03
254-974	20	16.5	1750	208-230/460	3 Ph	30 Gal	4397.99
				36L x 24W x 32H 625 lbs.			
2-STAGE COMPACTOR UNITS							
254-163	5	16 / 5	3450	208-230/460	3 Ph	15 Gal	2677.22
254-165	10	22 / 6.5	3450	208-230/460	3 Ph	30 Gal	4044.85



**5HP Single Phase
16 GPM Tobacco Baler Unit**



**30 HP 3 Phase, 32 GPM
60 Gallon Reservoir w/ Oil
Cooler**



90

Hydraulic Reservoir

Hydraulic
Cylinders

Rod &
Tubing

Hydraulic
Pumps

Hydraulic
Motors

Hydraulic
Valves

Power
Units

Hoses, Fittings
& Accessories

Bearings

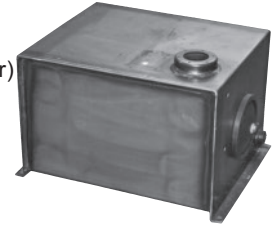
Power
Transmission

Miscellaneous

Part#	Capacity	Dimensions L x W x H	WT	EACH
251-922-03	3	11X13X8	24	\$271.35
251-922-05	5	12X14X10	30	\$285.82
251-922-08	8	15X14X12	39	\$299.64
251-922-10	10	18X15X12	47	\$308.10
251-922-15	15	20X16X14	58	\$384.89
251-922-20	20	24X18X14	82	\$409.86
251-922-30	30	28X21X15	128	\$514.10
251-922-50	50	38X24X16	175	\$608.83
251-922-60	60	38X29X16	209	\$791.46

STEEL HEAVY DUTY RESERVOIRS

- Baffled (20G and larger)
- Site Level Gauge
- Filler Breather
- Bolt-on Cleanout
- Pickel & Oiled



Part#	Capacity	Dimensions L x W x H	WT	EACH
251-923-05	5	13X13X10.5	26	\$347.67
251-923-10	10	18X18X10.5	52	\$412.68
251-923-15	15	18X18X16	60	\$460.75
251-923-20	20	18X18X20	68	\$508.79

STEEL VERTICAL POWER UNIT RESERVOIRS

- Bolt-On Top
- Site Level Gauge
- Filler Breather
- Pickel & Oiled



Part#	Capacity	Dimensions L x W x H	WT	EACH
251-951	10	22X18X20	115	\$469.24
251-952	15	26X18X20	140	\$520.10
251-953	20	30X18X20	150	\$576.63
251-954	30	36X24X20	185	\$736.98
251-955	40	36X24X22	200	\$859.30
251-956	50	36X24X23	210	\$887.56
251-957	60	48X27X21	280	\$1051.51
251-958	80	60X27X21.5	391	\$1427.44
251-959	100	60X27X23.5	425	\$2350.87

STEEL HEAVY DUTY JIC RESERVOIRS

- Baffled (20 G and larger)
- Site Level Gauge
- Filler Breather
- Dual Cleanouts



STEEL SIDE-MOUNT RESERVOIRS W/ INTERNAL BRACKETS

- Magnetic Drain Plug - H.R.P.O. Steel
- Factory Powder Coated

TANK CLEAN OUT COVER ASSEMBLY

- Includes Seal and Bolt



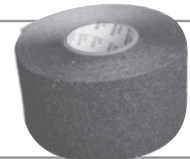
DBH Part #	Description	Each
021-801	Tank Clean Out Cover Assembly- 10"	53.43
021-805	Tank Clean Out Cover Assembly- 14"	66.73

DBH Part #	Capacity	Site Level Gauge	Cleanout	Mount	Each
---------------	----------	---------------------	----------	-------	------

251-901	7 Gal	No	No	Any	362.23
251-902	15 Gal	Yes	No	Upright	428.09
251-903	25 Gal	Yes	No	Upright	461.02
251-904	30 Gal	Yes	No	Upright	510.42
251-905	37 Gal	Yes	Yes	Upright	1012.19

ANTI-SKID TAPE

- Self Adhesive
- Ideal for bumpers, walkways, docks
- Solvent resistant



DBH Part #	Width	Length	Each
012-054	2"	60'	32.08
012-052	4"	60'	65.34

DBH Part #	GPM@	PSI	Ports	Reservoir	1-11	12-Up
250-749-K	1.52	1500	SAE 6	2 Gallon Poly	\$450.00	\$450.00
PSN-004-K					\$27.47	
PSN-004-K-Cord		15' Cord			\$33.40	
PSN-004-KPT		Harness			\$9.73	



- Pump/Motor/Reservoir/Valve
- Check Valve
- 1 x 4-Way/2-Position and 1 x 2-Way/2-Position Normally Closed Solenoid Cartridge Valve
- Externally Adjustable Relief Valve - #6 SAE Outlet
- Horizontal Mounting Standard

PSN-004-K-Cord

PSN-004-K



DBH Part #	GPM@	PSI	Ports	Reservoir	1-11	12-Up
250-764-K	1.52	1500	SAE 6	2 Gallon Poly	\$425.00	\$425.00
PSN-004-K					\$27.47	
PSN-004-K-Cord		15' Cord			\$33.40	
PSN-020-KPT		Harness			\$9.73	

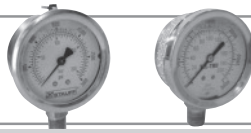


- Pump/Motor/Reservoir/Valve
- Check Valve
- 2-Way/2-Position Normally Closed Solenoid Operated Lowering Valve
- Externally Adjustable Relief Valve
- #6 SAE Outlet
- Horizontal Mounting Standard



Gauges

PRESSURE GAUGE
2 1/2" Diameter



DBH Part #	PSI	Size	1-9	10-Up
010-001	0-100	2 1/2	22.18	18.48
010-006	0-600	2 1/2	22.18	18.48
010-013	0-1000	2 1/2	22.18	18.48
010-020-D	0-2000	2 1/2	22.18	18.48
010-030-D	0-3000	2 1/2	22.18	18.48
010-050-D	0-5000	2 1/2	22.18	18.48

Gauges

PRESSURE GAUGE
2 1/2" Diameter



DBH Part #	PSI	Size	1-9	10-Up
010-100-A	0-5000	2 1/2"	13.63	12.04
010-101-A	0-5000	4"	24.64	19.71

DIGITAL PRESSURE GAUGE
3" Diameter



DBH Part #	PSI	Size	Each
010-060	-14.5 - 232	3	330.94

GAUGE PROTECTOR

Saves damage to the gauge should it be dropped or bumped



DBH Part #	MFG. Part #	Material	Each
010-637	GP40N	BUNA- N	16.50

GAUGE SNUBBER

Protects pressure gauges from harmful pressure surges.



DBH Part#	Port Size	MFG #	Material	Rated Pressure	Each
010-636	1/4" NPTF	PDD-4	Steel	10,000 PSI	14.89

Solar Panels

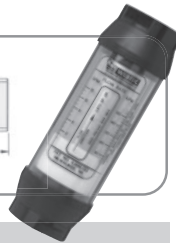
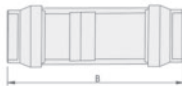
- Used to provide a trickle charge to power source. Perfect for DC power units.
- High Performance Multi-Crystalline Cells
- High energy yields in a wide variety of climates



DBH Part #	Size	Price
060-098 - 1 Watt Solar Panel	9.38x3.88x.63	\$64.42
060-099 - 2 Watt Solar Panel	9.38x6.13x.63	\$78.70
060-100 - 5 Watt Solar Panel	9.75x9.37x1.31	\$85.88

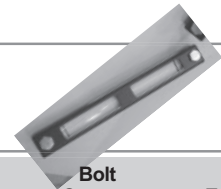
INLINE FLOW INDICATORS

Installs horizontally or vertically
Weather-tight construction



DBH Part#	Inlet Flow	MAX PSI	Ports	A	B	Each
010-220	.5 - 5.0	3500	1/2" NPT	1.88	6.56	368.86
010-221	3.0 - 30.0	3500	3/4" NPT	2.38	7.16	593.94
010-222	8.0 - 75.0	3500	1-1/4" NPT	3.5	10.13	1151.61

FLUID LEVEL GAUGE
w/ Thermometer (194° F)



DBH Part #	MFG. Part #	Bolt Centers	Each
010-103-A		3"	20.78
010-105-A		5"	25.83
010-115	SNA-127-B-S-O-12	5"	27.89
010-110-A	SNA-254-B-S-T-12	10"	31.56

Hydraulic Power Units

DC Power Units - Single Acting

12 VDC

- Power Up / Gravity Down
- Solenoid Operated
- 1.2 GPM @ 1500 PSI
- 3000 PSI Relief
- Single Locking Valve
- 2 Gal Poly Tank
- Uses PSN-020 remote

DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-764-BH	1.2	1500	SAE6	2 Gallon Poly	\$460.89	\$439.72



12 VDC

- Power Up / Gravity Down
- Solenoid Operated
- 1.7 GPM @ 1500 PSI
- 3000 PSI Relief
- Holding Valve
- 2.0 Gal Poly Tank
- Includes remote

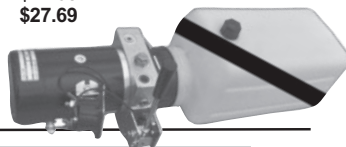
DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-764-K	1.7	1500	SAE6	2 Gallon Poly	\$425.00	\$425.00



12 VDC MANUAL

- Power Up / Gravity Down
- Manual Operated
- 1.2 GPM @ 1500 PSI
- 2900 PSI Relief
- Single Locking Valve
- 2 Gal Poly Tank

DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-000	1.2	1500	SAE6	2 Gallon Poly	\$405.06	\$390.59
250-000-H				Handle Assembly for 250-000	\$44.35	
250-000-M				Momentary Switch for 250-000	\$27.69	



12 VDC

- Power Up / Gravity Down
- Solenoid Operated
- 1.7 GPM @ 1500 PSI
- 3000 PSI Relief
- Holding Valve
- 2.0 Gal Steel Tank
- Uses PSN-020 remote

DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-834	1.7	1500	SAE6	2 Gallon Steel	\$495.36	\$466.64



DALTON



Pumping Stations

12 VDC PUMPING STATION

- No Valving (P & T only)
- 1.4 GPM @ 1500 PSI
- 2500 PSI Relief
- 1.25 Gal Poly Tank
- 3500 PSI Max
- Made in USA



DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-730	1.4	1500	SAE6	1.25 Gallon Poly	\$339.64	\$327.06



12 VDC PUMP & MOTOR

- Compact, High Performance
- 1.4 GPM @ 1500 PSI
- Trombetta Starter
- No Valve or Tank
- 2750 PSI Max
- Made in USA



DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-737	1.4	1500	SAE6	None	\$333.36	\$306.68



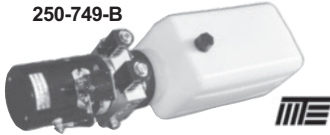
DC Power Units - Double Acting

12 VDC

- Power Up / Power Down
- Solenoid Operated
- 1.2 GPM @ 1500 PSI
- 3000 PSI Relief
- Single Holding Valve
- 2.0 Gal Poly Tank
- Uses PSN-004 remote



250-749-B



DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-749-BH	1.2	1500	SAE6	2 Gallon Poly	\$493.90	\$461.51

12 VDC

- Power Up / Power Down
- Solenoid Operated
- 1.4 GPM @ 1500 PSI
- 3000 PSI Relief (Set @ 2500 PSI)
- Double Holding Valves
- 2.0 Gallon Poly Tank
- Includes remote

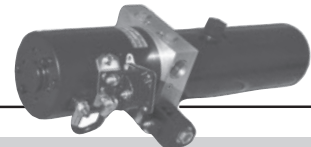
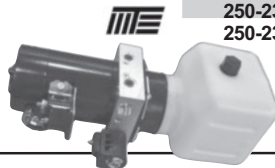


DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-749-K	1.7	1500	SAE 6	2 Gallon Poly	\$485.00	\$485.00

12 VDC

- Power Up / Power Down
- Solenoid Operated
- 1.4 GPM @ 1500 PSI
- 3000 PSI Relief
- Double Holding Valves
- 1.0 Gal Poly Tank
- Uses PSN-012 remote

Bale-Spike Unit



DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-230-MP	2.0	1000	SAE 6	1 Gallon Poly	\$517.76	\$500.51
250-230-M	2.0	1000	SAE 6	3 Qt Steel	\$565.06	\$527.37

24 VDC

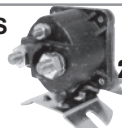
- Power Up / Power Down
- Solenoid Operated
- 1.6 GPM @ 1100 PSI
- 1450 PSI Relief
- Double PO Checks
- 3 qt Steel Tank
- Uses PSN-012 remote

SPX STONE



DBH Part #	GPM@	PSI	Ports	Reservoir	1-9	10-Up
250-289-N	1.6	1100	SAE6	3 Qt Steel	\$574.57	\$553.37

REPLACEMENT PARTS For MTE Power Units



250-700



250-007

250-011



DBH Part #	Description	Each
250-700	Motor Starter Solenoid- Standard Duty	47.62
250-703-T	Motor Starter Solenoid- Heavy Duty	51.04
250-007	10VDC Coil for Cartridge Valve D/A	31.89
250-013	4W2P Coil & Cartridge Valve Assembly for D/A	90.29
250-033	12VDC Coil for Cartridge Valve on S/A	38.19
250-102	2W2P Coil & Cartridge Valve Assembly for S/A	73.40
250-990	Power Unit Manual Release Valve w/ Intake Screen	89.35
250-448	12V DC Motor for Double Acting Unit	256.20
250-1008	2P2W Cartridge Valve	70.58
250-1001	2P4W Cartridge Valve	83.15
250-1009	2P2W Coil	29.03
250-1007	2P4W Coil	38.28
250-454	12V DC Motor for SA unit	265.70
250-101	2P2W Cartridge Valve (SA unit)	77.63

250-990



Hydraulic Power Units

WIRED REMOTES



DALTON Remotes have a magnetic back cover to securely hold to metal surfaces as well as a hanging loop.

DBH Part #	Connection Type	Cord Length	1-10	10-UP
PSN-020-M	3-Wire	15'	36.51	30.43
PSN-004-M	4-Wire Double Pole	15'	51.38	45.32
PSN-012-M	3-Wire Double Pole	15'	43.27	37.20
PSN-004-M20	4-Wire Double Pole	20'	57.08	51.10
PSN-020-M20	3-Wire	20'	39.91	35.65

**DALTON
DEAL**

DALTON WIRELESS REMOTES

PSN-208

FEATURES:

- 100' Range
- On / Off Switch
- Handles 12V AND 24V
- Potted and Water resistant.
- "Learning" transmitter, easily syncs to receiver.



**100'
MAX RANGE**

**BEST
SELLER!!!**



PSN-2002-N

DBH Part #	Connection Type	MAX RANGE	EACH
STANDARD			
PSN-208	3 or 4-Wire	100'	175.19
PSN-2002-N	Replacement Transmitter		58.24

PREMIUM DIGITAL			
PSN-216	3 or 4-Wire	250'	413.83
PSN-218	3 or 4-Wire	1000'	520.44
PSN-1021	Replacement Transmitter		84.37

PSN-216



**250'
MAX RANGE**



PSN-218

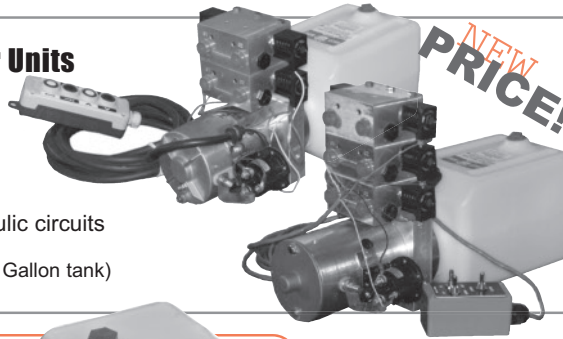


DBH Part#	Mfg Part#	Description	Each
2-16 Function Transmitter & Receiver Systems (200 FT RANGE)			
PSN-301	92100	2 Function with ESR	\$616.28
PSN-302	92104	4 Function with Master Output	\$876.70
PSN-303	92106	6 Function with Master Output	\$1102.67
PSN-305	92110	10 Function with Master Output	\$1648.32
PSN-311	92100BAI1107	2 Function POTTED	\$616.52
PSN-312	92104BAI1107	4 Function POTTED with Master Output	\$861.42
PSN-313	92106BAI1107	6 Function POTTED with Master Output	\$1097.66

Multiple Circuit DC Power Units

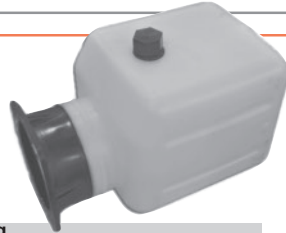
12 VDC

- Power Up / Power Down
- Solenoid Operated
- 1.25 GPM @ 1750 PSI
- 2,000 PSI Relief
- Individually control multiple hydraulic circuits
- Perfect for Snow Plows
- 2.0 Gal Poly Tank (-M units have 1.25 Gallon tank)
- **Pre-Wired remote**



DBH Part #	Functions	1-5	5 & Up
250-791	4-Way	1032.59	978.84
250-793	6-Way	1287.61	1241.36

RESERVOIR TANKS For MTE Power Units

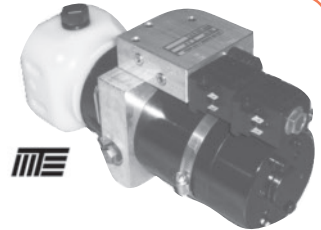


DBH Part #	Material	Mounting Position	Capacity	Length	Each
250-760-S01	Steel	Horizontal	1 Qt	6.75"	70.73
250-760-S02	Steel	Horizontal	2 Qt	11.75"	73.37
250-760-S03	Steel	Horizontal	3 Qt	16.63"	67.34
250-760-S10	Steel	Horizontal	1 Gal	9"	102.44
250-760-S15	Steel	Horizontal	1.5 Gal	13.5"	107.93
250-760-S25	Steel	Horizontal	2.5 Gal	13.25"	168.33
250-760-S35	Steel	Horizontal	3.5 Gal	17.88"	175.61
250-762-P02	Poly	Horizontal	1.8 Qt	6.5"	65.95
250-762-P03	Poly	Horizontal	3 Qt	11"	60.98
250-762-P10	Poly	Horizontal	1 Gal	9"	60.38
250-762-P12	Poly	Horizontal	1.2 Gal	11"	65.86
250-762-P20	Poly	Horizontal	2 Gal	16"	72.58
250-762-P25	Poly	Horizontal	2.5 Gal	20"	78.67
250-762-P35	Poly	Horizontal	3.5 Gal	26"	91.47
250-761-P15	Poly	Vertical	1.5 Gal	13"	69.58
250-761-P20	Poly	Vertical	2 Gal	16"	72.58
250-761-P25	Poly	Vertical	2.5 Gal	20"	78.67
250-761-P35	Poly	Vertical	3.5 Gal	26"	91.47
250-062	Steel	Vertical	3.5 Gal	27"	189.20

(Auto-Hoist Replacement)

DC SNOWPLOW UNIT

- Power Up / Gravity Down
- Power Angle In/Out w/Crossover
- 12VDC 2 Term Std. Duty Motor
- 9/16-18 SAE Ports
- 1.25 Qt Poly Tank



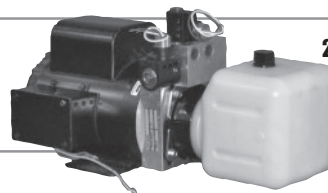
DBH Part #	Each
250-797	500.00

Clearance Item



AC Compact Power Units

200 SERIES A/C INTERMITTENT DUTY



250-036



DBH Part #	Motor HP	Voltage	GPM @ 1500	Operation	Reservoir	Each
250-020	1HP	115VAC	.90	Pressure & Tank Ports Only	2.0 Gal Poly	\$731.72
250-027	1HP	115VAC	.90	Power-Up / Power Down	2.0 Gal Poly	\$878.07
254-028	2HP	208-230VAC - 1Ph	1.95	Power-Up / Power Down	2.0 Gal Poly	\$1033.33
2-Stage Compactor Units						
250-036	1 HP	115/208-230VAC - 1 Ph	3.1 / .75	Power Up / Power Down	3.25 Qt	\$715.00
SERVICE PARTS						
250-060	1HP - 115V A/C Motor					\$574.94

Clearance Item

Hydraulic Power Units

Motor/Motor Adaptor				Pump		Endhead	Integral Valving		Reservoir/Plumbing	
KM	KMC	KMD	KMP	KP	KU	KN	KC	KFC	KH	KV

AC MOTORS

DBH Part #	Mfg Part	Motor HP	RPM	Phase/Voltage	Each
401-101	KMC16	1HP	3450	1 Phase/115-230	449.76
401-102	KMC17	2 HP	3450	1 Phase/115-230	551.05
401-103	KMC18	2 HP	3450	3 Phase/230-460	512.23
401-104	KMC19	3 HP	3450	3 Phase/230-460	536.88
401-105	KMC20	5 HP	3450	3 Phase/230-460	594.59
401-106	KMC21	½ HP	1725	1 Phase/115-230	456.39
401-107	KMC22	½ HP	1725	3 Phase/230-460	438.24
401-108	KMC23	1 HP	1725	1 Phase/115-230	503.12
401-109	KMC24	1 HP	1725	3 Phase/230-460	488.15

DC MOTORS

DBH Part #	Mfg Part	Duty	Voltage	Each
401-202	KM06	500W	12 VDC	163.97
401-203	KM08	800W	12 VDC	149.33
401-210	KM09	800W	24 VDC	176.25
401-204	KMD1	STD	12V	213.77
401-205	KMD2	STD	12V	190.87
401-206	KMD3	EXT	12V	203.15
401-207	KMD4	EXT	12V	207.37
401-208	KMD5	STD	24V	194.60
401-209	KMD6	STD	24V	207.22

Pump Options

DBH Part #	MFG Part #	Culn Disp	Max RPM	Max Cont Pressure	Max Intermit Pressure	Length	Each
401-301	KP08	.049	5000	4000 PSI	5000 PSI	2.25	\$94.74
401-302	KP10	.061	5000	4000 PSI	5000 PSI	2.28	\$129.57
401-303	KP12	.073	5000	4000 PSI	5000 PSI	2.32	\$93.67
401-304	KP16	.098	5000	4000 PSI	5000 PSI	2.38	\$93.67
401-305	KP20	.122	4000	4000 PSI	5000 PSI	2.44	\$99.05
401-306	KP25	.153	4000	4000 PSI	5000 PSI	2.52	\$97.33
401-307	KP31	.189	4000	3600 PSI	5000 PSI	2.62	\$102.92
401-308	KP40	.244	4000	3000 PSI	4000 PSI	2.75	\$115.46
401-309	KP50	.305	4000	2300 PSI	3200 PSI	2.90	\$132.32
401-310	KP63	.384	3200	1800 PSI	2500 PSI	3.11	\$223.77
401-311	KP80	.488	2400	1500 PSI	2000 PSI	3.37	\$237.40

Endhead Option

DBH Part #	Mfg Part	Port Size	Each
401-402	KN11	3/8 NPT	135.12
401-403	KN12	SAE 6	117.15

Integral Valve Options

DBH Part #	MFG Part #	Description	Each
401-501	KC01A	12 VDC DIN Hirschmann	\$106.98
401-502	KC01B	12 VDC Dual ¼" Spade	\$76.12
401-503	KC01C	12 VDC Single #10 UNF Stud	\$68.95
401-504	KC01D	24 VDC DIN/ Hirschmann	\$89.50
401-505	KC01E	24 VDC Dual ¼" Spade	\$69.95
401-506	KC01F	24 VDC Single #10 UNF Stud	\$69.10
401-507	KC01G	24 VDC DIN/ Hirschmann	\$89.52
401-508	KC01H	230VAC DIN/ Hirschmann	\$113.15
401-509	KC01J	115VAC DIN/ Hirschmann	\$113.15
401-510	KC01K	12VDC Smart Start	\$118.31
401-511	KC01L	24VDC Smart Start	\$117.25
401-512	KC03	Relief, Check, Manual Relief Valve Kit- Direct Acting	\$205.82
401-513	KC05	Relief, Check, Manual Relief Valve Kit- Micro Switch	\$160.40
401-514	KC07	Relief and Check Valve Kit	\$40.80
401-515	KC08	Relief, Check, Manual Relief Valve Kit Direct Acting	\$32.25
401-516	KC14	Relief, Check, Pneumatic Release Valve Kit	\$422.55
401-517	KC15	Relief, Check, Manual Relief Valve Kit Direct Acting	\$123.30
401-518	KC18	Relief, Check& Lever Release Valve Kit	\$73.52

Pick Up Tubes

DBH Part #	Mfg Part	Each
401-701	KH	30.25
401-702	KV	27.83

Reservoirs

DBH Part #	MFG Part #	Capacity	Length	Each
401-601	KR12	½ Gallon- Round Steel	8.5"	\$55.46
401-602	KR14	¾ Gallon- Round Steel	12.0"	\$63.17
401-603	KR15	1.0 Gallon- Round Steel	14.5"	\$76.96
401-604	KR22	½ Gallon- Square Plastic	8.5"	\$86.34
401-605	KR24	¾ Gallon- Square Plastic	11.0"	\$97.36
401-606	KR25	1.0 Gallon- Square Plastic	14.0"	\$97.88
401-607	KR40	1.0 Gallon- Trans. Steel	7.88"	\$71.28
401-608	KR45	1.2 Gallon- Trans. Steel	9.84"	\$78.13
401-609	KR41	1.5 Gallon- Trans Steel	11.81"	\$83.74
401-610	KR42	2.0 Gallon- Trans Steel	15.75"	\$92.06

DBH Part #	MFG Part #	Capacity	Length	Each
401-611	KR46	2.5 Gallon- Trans Steel	17.0"	\$101.96
401-612	KR43	3.0 Gallon- Trans Steel	21.65"	\$114.29
401-613	KR44	4.0 Gallon- Round Steel	26.0"	\$115.45
401-614	KR50	1.0 Gallon- Offset Plastic	7.5"	\$56.63
401-615	KR55	1.2 Gallon- Offset Plastic	9.0"	\$55.56
401-616	KR51	1.5 Gallon- Offset Plastic	11.0"	\$64.37
401-617	KR52	2.0 Gallon- Offset Plastic	13.0"	\$66.69
401-618	KR56	2.5 Gallon- Offset Plastic	15.0"	\$114.29
401-619	KR53	3.0 Gallon- Offset Plastic	20.0"	\$96.54
401-620	KR54	4.0 Gallon- Offset Plastic	26.0"	\$100.86
401-623	KR71	7.0 Gallon- Offset Steel		\$332.16
401-624	KR73	14.0 Gallon- Offset Steel		\$407.89

DROP HINGE LOW-PROFILE TRAILER HOIST KITS

DBH PART#:

900-912

8' TO 10' TRAILERS
CLASS: B

6 TON



DBH PART#:

900-921

10' TO 12' TRAILERS
CLASS: C

8 TON



DBH PART#:

900-923

12' TO 14' TRAILERS
CLASS: C

11.5 TON



DBH PART#:

900-924

14' TO 16' TRAILERS
CLASS: D

13.5 TON



DBH PART#:

900-927

14' TO 18' TRAILERS
CLASS: E

21 TON



DBH PART#:

900-929

16' TO 18' TRAILERS
CLASS: G

16.5 TON



Single Acting



Double Acting

Add \$50.00



EACH KIT INCLUDES:

- (1) Scissor Hoist w/ hardware & prop
- (1) Single Acting Power Unit
- (1) 2-Button Wired Controller
- (1) Hose Assembly; customer specified length (up to 136")
- All Fittings used to install hydraulics

DBH Part #	Each	5 & Up
900-912	1,825.71	1,691.42
900-921	1,956.12	1,822.03
900-923	2,216.94	2,083.64
900-924	2,608.07	2,344.14
900-927	2,868.99	2,605.34
900-929	3,205.44	2,737.59

Includes Hinge Kit

3-Year Warranty

American Made

Mix & Match
to receive quantity discounts

Hydraulic Power Units

Dump Trailer Hydraulic Kit



Kits include:

- Power Unit w/ remote
- Either one or two cylinders
- 2500 PSI Hydraulic cylinder
- Battery cable
- Breather plug for SA kit

-Hose Assembly
-Fitting/ Adapter

DBH Part #	Cylinder (Bore X Stroke)	Each	5 & Up
SINGLE CYLINDER			
900-214	3.5 x 14	622.81	598.39
900-101	3.5 X 24	674.12	622.38
900-241	3 x 30 (3250 PSI)	608.14	547.77
900-102	3.5 X 30	749.10	652.37
900-103	3.5 x 36	772.35	712.74

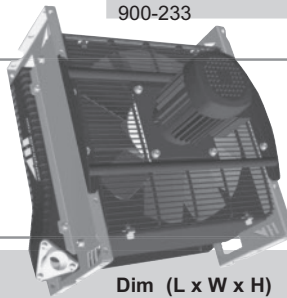
TWIN CYLINDER			
900-221	3.5 x 24	898.58	825.83
900-121	3.5 X 30	1028.05	932.82
900-122	3.5 x 36	1046.48	982.69
900-124	3.5 x 48	1072.52	1027.47

DBH Part #	Cylinder (Bore X Stroke)	Each	5 & Up
SINGLE CYLINDER			
900-303	3.5 x 16	764.11	682.74
900-304	4 x 20	825.95	751.90
900-305	2.5 x 24	697.69	644.66
900-301	3.5 X 24	809.09	712.37
900-302	3.5 X 30	839.09	742.36
900-231	3.5 x 36	862.56	764.64
900-123	3.5 x 48	937.54	898.54
900-308	4 x 36	892.63	855.03
900-309	4 x 20	825.95	782.26

TWIN CYLINDER			
900-234	3.5 x 16	1012.74	933.03
900-232	3.5 X 30	1139.03	1033.31
900-233	3.5 x 48	1163.16	1053.17

DC Driven Oil Coolers / Heat Exchanger

- High Quality, Made in Germany
- AC Electric Motor driven configurations
- Single or Two Pass Available



DBH #	Mfg #	Max GPM	Voltage	Dim (L x W x H)	Wt.	Price
075-201	ASA0043UD01	30	12 VDC	5 X 8.25 X 8	9	\$362.64
075-202	ASA0043UD02	30	24 VDC	5 X 8.25 X 8	9	\$362.64
075-205	ASA0075UD01	35	12 VDC	6 X 12.6 X 15	23	\$607.66
075-206	ASA0075UD02	35	24 VDC	6 X 12.6 X 15	23	\$607.66
075-211	ASA0115AD01	50	12 VDC	7 X 17 X 15	27	\$781.29
075-212	ASA0115AD02	50	24 VDC	7 X 17 X 15	27	\$781.29
075-215	ASA0176AD01	60	12 VDC	9 X 21 X 18	42	\$1009.50
075-216	ASA0176AD02	60	24 VDC	9 X 21 X 18	42	\$1009.50
075-219	ASA0256AD01	70	12 VDC	11.5 X 25 X 22	64	\$1617.17
075-220	ASA0256AD02	70	24 VDC	11.5 X 25 X 22	64	\$1617.17

AC Driven Oil Coolers / Heat Exchanger

- High Quality, Made in Germany
- AC Electric Motor driven configurations
- Single or Two Pass Available



DBH #	Mfg #	Max GPM	Voltage	Dim (L x W x H)	Wt.	Price
075-324	ASA0043UE04	20	115 VAC	6 X 8.43 X 8.15	10	\$501.81
075-328	ASA0075UA44	40	230/460 VAC	15 X 16.14 X 11.2	37	\$1191.05
075-331	ASA0115AE44	50	115/208-230 VAC	17 X 16.93 X 16.93	56	\$1823.11
075-335	ASA0115AA44	50	230/460 VAC	17 X 16.93 X 16.93	56	\$1664.75
075-338	ASA0176AE45	60	115/208-230 VAC	18.3 X 20.87 X 20.87	79	\$1822.99
075-342	ASA0176AA45	60	230/460 VAC	18.3 X 20.87 X 20.87	79	\$1822.99
075-345	ASA0256AA46	80	230/460 VAC	20 X 25.2 X 25	106	\$2746.48
075-349	ASA0367AA46	100	230/460 VAC	20.8 X 30.31 X 28.35	131	\$3390.60
075-352	ASA0567AA48	100	230/460 VAC	22.5 X 36.22 X 33.86	177	\$4240.95

100

Casters & Accessories

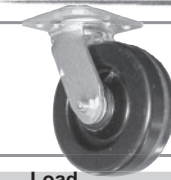
Casters

HEAVY DUTY WITH STEEL WHEELS



DBH/ Part #	Size	Type	Height	Load Cap	Wt.	Each
127-107	4 X 2	Rigid	5 5/8	700	6	\$35.11
127-108	4 X 2	Swivel	5 5/8	700	7	\$42.41
127-113	5 X 2	Rigid	6 1/2	1000	8	\$48.14
127-114	5 X 2	Swivel	6 1/2	1000	9	\$48.14
127-125	6 X 2	Rigid	7 1/2	1200	9	\$46.67
127-126	6 X 2	Swivel	7 1/2	1200	9	\$49.58
127-143	8 X 2	Rigid	9 1/2	1250	12	\$59.68
127-144	8 X 2	Swivel	9 1/2	1250	13	\$62.60

HEAVY DUTY WITH SOLID POLY WHEELS



DBH/ Part #	Size	Type	Height	Load Cap	Wt.	Each
127-411	4 X 2	Rigid	5 5/8	700	7	\$52.09
127-412	4 X 2	Swivel	5 5/8	700	7	\$59.80
127-417	5 X 2	Rigid	6 1/2	800	7	\$62.72
127-418	5 X 2	Swivel	6 1/2	800	7	\$57.40
127-425	6 X 2	Rigid	7 1/2	900	9	\$62.72
127-426	6 X 2	Swivel	7 1/2	900	9	\$68.05
127-431	8 X 2	Rigid	9 1/2	1000	11	\$76.03
127-432	8 X 2	Swivel	9 1/2	1000	11	\$83.72

HEAVY DUTY WITH STEEL WHEELS ON RUBBER TIRES



DBH/ Part #	Size	Type	Height	Load Cap	Wt.	Each
127-171	4 X 2	Rigid	5 5/8	300	7	\$33.37
127-172	4 X 2	Swivel	5 5/8	300	7	\$36.02
127-177	5 X 2	Rigid	6 1/2	450	7	\$37.10
127-178	5 X 2	Swivel	6 1/2	450	7	\$41.33
127-185	6 X 2	Rigid	7 1/2	500	7	\$41.33
127-186	6 X 2	Swivel	7 1/2	500	8	\$47.87
127-189	8 X 2	Rigid	9 1/2	600	9	\$51.98
127-190	8 X 2	Swivel	9 1/2	600	10	\$59.68

HEAVY DUTY WITH PHENOLIC WHEELS



DBH/ Part #	Size	Type	Height	Load Cap	Wt.	Each
127-491	4 X 2	Rigid	5 5/8	800	9	\$38.68
127-492	4 X 2	Swivel	5 5/8	800	9	\$46.67
127-505	5 X 2	Rigid	6 1/2	1000	10	\$43.99
127-506	5 X 2	Swivel	6 1/2	1000	10	\$51.98
127-513	6 X 2	Rigid	7 1/2	1200	11	\$49.32
127-514	6 X 2	Swivel	7 1/2	1200	11	\$54.64
127-517	8 X 2	Rigid	9 1/2	1250	14	\$57.28
127-518	8 X 2	Swivel	9 1/2	1250	14	\$62.60

HOURLMETERS



DBH Part #	Description	Each
060-107	Vibration Hourmeter	63.17
060-108	Round Chrome Hourmeter	70.48
060-112	Plastic Hourmeter & Bezel	53.81

DISCONNECT SWITCH



DBH Part #	Description	Each
060-317	Rotary disconnect Switch	42.77

THREADLOCKER

- 50 ml Bottle
- Meets Military Specs
- Automotive Approved



DBH Part #	Compare to Loctite #	Each	10-Up
012-530	609	40.63	32.08
012-567	620	40.63	32.08
012-542	635	40.63	32.08
012-560	642	40.63	32.08
012-561	680	40.63	32.08

INSTANT PIPE SEALANT

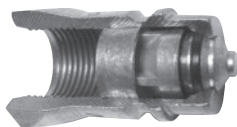
- 50 ml Tube
- High-Pressure
- Meets Military Specs



DBH Part #	Compare to Loctite #	Each	10-Up
012-420	565 / 592	19.92	15.72
012-460	567	19.92	15.72

Hose Fittings & Accessories

Quick-Release Couplers



Quick Couplers



8010 SERIES - MALE TIPS

- 12 GPM
- 3000 PSI Rated



DBH Part #	MFGR. Part #	Description	Thread Size	Each	5-UP
045-801	8010-4	Universal Ball-Type	1/2-14	13.46	12.35
045-802	8010-4P	Universal Poppet-Type	1/2-14	17.44	14.33
045-803	8010-4P-DC	Connect-Under-Pressure	1/2-14	34.44	29.93
045-805	8010-15	Universal Ball-Type	#8 SAE	21.91	20.53

Complete Quick Couplers



4000 SERIES - Manual Connect

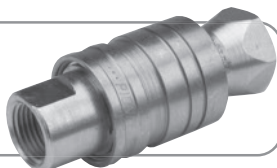


DBH Part #	MFGR. Part #	Thread Size	GPM	Rated Pressure	Each	5-UP
045-4002	4000-2	1/4-18	3	3000	36.73	34.26
045-4003	4000-3	3/8-18	6	3000	46.14	43.05
045-4004	4000-4	1/2-14	12	3000	40.71	35.18
045-4005	4000-5	3/4-14	28	3000	65.64	61.26



4200 SERIES

- Breakaway - Clamp mount
- One-Hand Operation

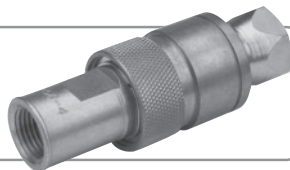


DBH Part #	MFGR. Part #	Thread Size	GPM	Rated Pressure	Each	5-UP
045-4203	4200-3P	3/8-18	6	3000	45.65	41.94
045-4204	4200-4	1/2-14	12	3000	43.81	39.91



8200 SERIES

- Connect-Under-Pressure
- One Hand Operation



DBH Part #	MFGR. Part #	Thread Size	GPM	Rated Pressure	Each	5-UP
045-8204	8200-4	1/2-14	12	3000	74.39	61.64

FEM SERIES - NON-SPILL

SKID STEER COUPLER

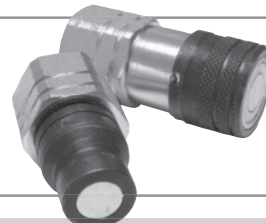
- Flush Face Valving
- Push-to-connect locking mechanism



DBH Part #	MFGR. Part #	Thread Size	Rated GPM	Pressure	Each	5-UP
FEMALE PIPE						
045-831	FEM-501-10FO-NL	7/8-14	20	3625	105.60	93.85
045-840	FEM-502-10FO	7/8-14	20	3625	101.95	90.58
045-834	FEM-501-8FP-NL	1/2-14	20	3625	101.95	90.58
045-844	FEM-502-8FP	1/2-14	20	3625	101.95	90.58

SKID STEER COUPLER

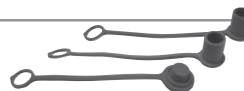
- Flush Face Valving
- Cost Effective
- Push-to-connect locking mechanism
- Many sizes available



DBH Part #	MFGR. Part #	Thread Size	Rated GPM	Pressure	Each
FEMALE PIPE					
045-895	Female	1/2" NPT	20	3625	92.70
045-894	Male Tip	1/2" NPT	20	3625	53.60

DUSTCAPS & PLUGS FOR QUICK COUPLERS

Multiple colors available for easy hydraulic line identification-add a -BU for Blue, -GR for Green, -RE for Red, and -YE for Yellow

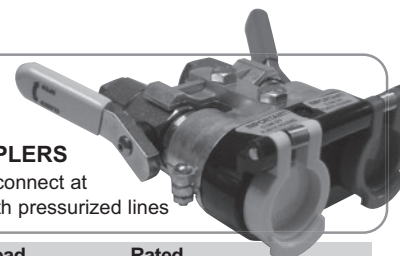


DBH Part #	MFGR. Part #	Fits	Each
045-810	5205-4M	1/2"	4.00
045-811	5209-4M	1/2"	4.51



ZERO PRESSURE CONNECTION COUPLERS

- Always connect or disconnect at "zero pressure" even with pressurized lines



DBH Part #	MFGR. Part #	Thread Size	GPM	Rated Pressure	Each	10 & Up
045-905	9500-4	1/2 NPTF	12	3000	228.06	199.55

Hose 051 - 2036 - 1A - 1A Fittings & Accessories

Hose ID	
051	1/4
052	3/8
053	1/2
054	5/8
055	3/4
056	1

Hose Type	
1	1-Wire 100R1
2	2-Wire 100R2
3	2-Wire 100R16

Length in inches	
001 - 999"	

End Fitting Size	
1	04 (1/4")
2	06 (3/8")
3	08 (1/2")
4	10 (5/8")
5	12 (3/4")
6	16 (1")

End Fitting Type	
A	Male Pipe
B	Male Pipe Swivel
C	Male Pipe Swivel 45
D	Male Pipe Swivel 90
E	Female Pipe
F	Female Pipe Swivel
G	Female Pipe Swivel 90
H	Male JIC
I	Female JIC Swivel
J	Female JIC Swivel 45
K	Female JIC Swivel 90
L	Male O-Ring Boss
M	Male O-Ring Boss Swivel
N	Male O-Ring Boss Swivel 45
O	Male O-Ring Boss Swivel 90

End Fitting Size	
1	04 (1/4")
2	06 (3/8")
3	08 (1/2")
4	10 (5/8")
5	12 (3/4")
6	16 (1")

End Fitting Type	
A	Male Pipe
B	Male Pipe Swivel
C	Male Pipe Swivel 45
D	Male Pipe Swivel 90
E	Female Pipe
F	Female Pipe Swivel
G	Female Pipe Swivel 90
H	Male JIC
I	Female JIC Swivel
J	Female JIC Swivel 45
K	Female JIC Swivel 90
L	Male O-Ring Boss
M	Male O-Ring Boss Swivel
N	Male O-Ring Boss Swivel 45
O	Male O-Ring Boss Swivel 90



EXAMPLE:

051-2036-1A-1A

1/4" 2-Wire 36" Long with 1/4" NPT Male Rigid Fittings on both Ends

Hose Assembly Scratch Pad

Use the space below and matrix above to get your exact fitting hose. Most assemblies will ship in 1-2 days.

Hydraulic Hose

1 WIRE (100R1)
Medium Pressure

Prices are per Foot

DBH PART #	ID	OD	Work PSI	Burst PSI	25'-99'	100'-249'	250'-Up
050-001	1/4	17/32	2750	11000	3.46	3.23	2.84
050-003	3/8	11/16	2250	9000	3.84	3.66	3.06
050-005	1/2	13/16	2000	8000	4.37	4.20	3.51
050-009	3/4	1 1/8	2000	5000	6.49	5.80	4.97

2 WIRE (100R2)
High Pressure

DBH PART #	ID	OD	Work PSI	Burst PSI	25'-99'	100'-249'	250'-Up
050-110	1/4	15/32	3000	12000	4.20	4.05	3.31
050-111	3/8	5/8	3000	12000	4.78	4.58	5.11
050-112	1/2	13/16	3000	12000	5.57	5.36	4.37
050-113	3/4	1 1/8	3000	12000	8.65	8.38	6.43

SUCTION

Low Pressure

DBH PART #	ID	OD	Work PSI	Burst PSI	25'-99'	100'-Up
050-084	1/2	1 1/8	300	1200	10.21	9.41
050-085	3/4	1 3/8	300	1200	9.87	8.98
050-087	1	1 5/8	250	1000	12.95	12.22
050-089	1 1/4	2	200	800	17.30	14.90

DON'T SEE IT?

CALL FOR ITEMS OR SIZES NOT LISTED

We stock thousands of items.
And if we don't have it... we can get it!!!

Tube Clamps

STANDARD SERIES

DBH Part #	Size	Clamp OD	1-9	10-UP
024-011	3/8	3/8	4.26	3.56
024-012	1/2	1/2	4.40	3.91
024-013	5/8	5/8	4.69	4.21
024-014	3/4	3/4	4.69	4.21
024-015	7/8	7/8	4.69	4.21
024-016	1	1	4.69	4.21
024-017	1-1/4	1-1/4	5.83	5.05
024-018	1-1/2	1-1/2	5.83	5.05

TWIN SERIES

024-211	3/8	3/8	5.64	4.92
024-212	1/2	1/2	5.64	4.92
024-213	5/8	5/8	5.77	5.35
024-214	3/4	3/4	5.77	5.35
024-215	7/8	7/8	5.77	5.35
024-216	1	1	5.77	5.35
024-217	1 1/4	1 1/4	7.63	7.07
024-218	1 1/2	1 1/2	7.63	7.07

AG SERIES

DBH Part #	Size	Bag of 10	10 Bags & Up
024-101	1/8" - 5/8"	9.98	8.54
024-102	1/4" - 1"	11.39	9.97



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103

Hydraulic Cylinders
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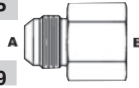
JIC (SAE 37°) Fittings



DBH Part #	Description	A	B	L1	1-49	50-UP
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MALE JIC TO FEMALE NPT STRAIGHT

045-101	8MJ-4FP	#8 JIC	1/4		4.43	3.79
045-102	8MJ-6FP	#8 JIC	3/8		4.74	3.96
045-103	8MJ-8FP	#8 JIC	1/2		4.92	4.30
045-104	12MJ-12FP	#12 JIC	3/4		4.64	3.82



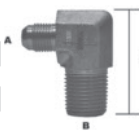
MALE JIC TO MALE NPT NIPPLE

045-112	6MJ-6MP	#6 JIC	3/8	1.421	2.36	1.76
045-113	6MJ-8MP	#6 JIC	1/2	1.421	2.36	1.76
045-115	6MJ-12MP	#6 JIC	3/4	1.50	3.99	3.29
045-116	8MJ-8MP	#8 JIC	1/2		2.45	1.97
045-117	8MJ-12MP	#8 JIC	3/4		3.35	2.75
045-147	12MJ-12MP	#12 JIC	3/4		4.78	3.97



MALE JIC TO MALE NPT 90

045-201	6MJ-6MP90	#6 JIC	3/8	1.22	3.43	3.08
045-202	6MJ-8MP90	#6 JIC	1/2	1.22	4.08	3.35
045-203	8MJ-6MP90	#8 JIC	3/8	1.33	3.65	3.19
045-204	8MJ-8MP90	#8 JIC	1/2	1.33	4.58	4.24
045-205	10MJ-8MP90	#10 JIC	1/2	1.47	4.60	3.79
045-206	12MJ-12MP90	#12 JIC	3/4	1.593	7.25	7.00



MALE JIC UNION TEE

045-219	6MJ-6MJ-6MJ	#6 JIC	#6 JIC	#6 JIC	3.20	3.00
045-220	8MJ-8MJ-8MJ	#8 JIC	#8 JIC	#8 JIC	5.14	4.63



MALE JIC TO FEMALE JIC SWIVEL 90

045-253	6MJ-6FJX90	#6 JIC	#6 JIC	1.15	3.52	2.88
045-255	8MJ-6FJX90	#8 JIC	#6 JIC	1.25	6.08	5.00
045-256	8MJ-8FJX90	#8 JIC	#8 JIC	1.25	5.14	4.27
045-259	12MJ-12FJX90	#12 JIC	#12 JIC	1.38	8.14	6.67



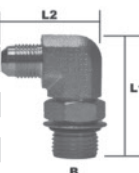
MALE JIC TO MALE O-RING BOSS

045-264	6MJ-6MB	#6 JIC	#6 SAE	1.298	1.75	1.55
045-265	6MJ-8MB	#6 JIC	#8 SAE	1.37	2.39	2.08
045-267	8MJ-6MB	#8 JIC	#6 SAE	1.45	2.54	2.16
045-269	8MJ-8MB	#8 JIC	#8 SAE	1.48	2.56	2.32



MALE JIC TO MALE O-RING BOSS 90

045-283	6MJ-4MB90	#6 JIC	#4 SAE	1.51	3.08	2.54
045-284	6MJ-6MB90	#6 JIC	#6 SAE	1.57	2.46	2.26
045-285	6MJ-8MB90	#6 JIC	#8 SAE	1.86	4.52	3.73
045-288	8MJ-4MB90	#8 JIC	#4 SAE	1.93	5.02	4.12
045-289	8MJ-6MB90	#8 JIC	#6 SAE	1.75	4.36	3.59
045-290	8MJ-8MB90	#8 JIC	#8 SAE	1.82	4.30	3.53



INSTANT PIPE SEALANT

- 50 ml Tube
- High-Pressure
- Meets Military Specs



DBH Part #	Compare to Loctite #	Each	10-Up
012-420	565 / 592	18.11	13.61
012-460	567	18.11	13.61

Crimp-On Fittings



DBH Part #	Desc.	Hose ID	Thread Size	1-49	50-UP
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MALE PIPE RIGID

044-101	MP-04-02	1/4	1/8	4.98	4.24
044-102	MP-04-04	1/4	1/4	4.98	4.24
044-103	MP-04-06	1/4	3/8	4.99	4.25
044-104	MP-06-04	3/8	1/4	5.46	4.46
044-105	MP-06-06	3/8	3/8	5.46	4.85
044-106	MP-06-08	3/8	1/2	6.04	5.33
044-107	MP-08-06	1/2	3/8	6.04	5.33
044-108	MP-08-08	1/2	1/2	6.62	5.66
044-109	MP-12-12	3/4	3/4	16.78	12.48
044-110	MP-16-16	1	1	16.78	12.48



MALE PIPE SWIVEL

044-150	MPX-04-04	1/4	1/4	9.35	8.28
044-151	MPX-06-06	3/8	3/8	8.58	7.91
044-152	MPX-06-08	3/8	1/2	10.21	9.88
044-153	MPX-08-08	1/2	1/2	8.33	7.76
044-154	MPX-12-12	3/4	3/4	15.43	15.08



SAE 37 (JIC) FEMALE SWIVEL

044-011	FJX-04-04	1/4	#4 JIC	5.15	4.39
044-012	FJX-04-06	1/4	#6 JIC	6.04	4.76
044-013	FJX-06-06	3/8	#6 JIC	6.71	4.75
044-014	FJX-06-08	3/8	#8 JIC	6.71	4.75
044-015	FJX-08-08	1/2	#8 JIC	8.81	6.97
044-016	FJX-08-10	1/2	#10 JIC	8.87	6.68
044-017	FJX-12-12	3/4	#12 JIC	15.05	14.41
044-018	FJX-16-16	1	#16 JIC	26.50	25.42



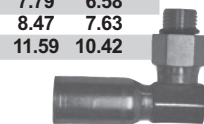
SAE 37 (JIC) FEMALE 90 TUBE SWIVEL

044-091	FJX90-06-06	3/8	#6 JIC	14.33	13.86
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SAE 37 (JIC) MALE RIGID

044-117	MJ-04-04	1/4	#4 JIC	7.10	5.72
044-121	MJ-06-06	3/8	#6 JIC	5.96	5.72
044-122	MJ-06-08	3/8	#8 JIC	7.79	6.58
044-123	MJ-08-08	1/2	#8 JIC	8.47	7.63
044-124	MJ-08-10	1/2	#10 JIC	11.59	10.42



O-RING BOSS (SAE) MALE 90 SWIVEL

044-141	MBX90-04-04	1/4	#4 SAE	11.23	8.47
044-142	MBX90-04-06	1/4	#6 SAE	12.84	11.30
044-143	MBX90-06-06	3/8	#6 SAE	13.61	11.71
044-144	MBX90-06-08	3/8	#8 SAE	18.31	13.03
044-146	MBX90-08-08	1/2	#8 SAE	15.22	13.78



O-RING BOSS (SAE) MALE RIGID

044-160	MB-04-04	1/4	#4 SAE	10.03	8.47
044-161	MB-04-06	1/4	#6 SAE	16.87	14.75
044-162	MB-06-06	3/8	#6 SAE	14.75	12.43
044-163	MB-06-08	3/8	#8 SAE	18.13	15.26
044-164	MB-08-08	1/2	#8 SAE	18.66	16.10



Pipe Swivel Fittings



DBH Part #	Description	A	B	L	L2	1-49	50-UP
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MALE TO FEMALE

041-001	4MP-4FPX	1/4	1/4	1.25	-	2.02	1.80
041-002	6MP-4FPX	3/8	1/4	1.312	-	2.98	2.50
041-003	6MP-6FPX	3/8	3/8	1.312	-	3.01	2.50
041-004	8MP-6FPX	1/2	3/8	1.59	-	3.79	3.19
041-005	6MP-8FPX	3/8	1/2	1.312	-	3.90	3.52
041-006	8MP-8FPX	1/2	1/2	1.62	-	3.72	3.17
041-007	12MP-8FPX	3/4	1/2	1.65	-	5.24	4.85
041-008	12MP-12FPX	3/4	3/4	1.75	-	5.42	4.99

FEMALE TO FEMALE

041-101	8FP-8FPX	1/2	1/2	1.5	-	4.60	4.12
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FEMALE TO FEMALE 90 ELBOW

041-901	8FP-8FPX90	1/2	1/2	-	-	4.97	4.60
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MALE TO FEMALE 90 ELBOW

041-121	4MP-4FPX90	1/4	1/4	1.19	.75	3.24	2.72
041-122	6MP-4FPX90	3/8	1/4	1.5	.858	4.52	4.09
041-124	6MP-6FPX90	3/8	3/8	1.5	.94	4.74	4.25
041-126	6MP-8FPX90	3/8	1/2	1.586	.937	5.95	5.46
041-123	8MP-4FPX90	1/2	1/4	1.75	1	5.18	4.56
041-125	8MP-6FPX90	1/2	3/8	1.75	1	5.14	4.61
041-127	8MP-8FPX90	1/2	1/2	1.75	1	6.01	5.66
041-128	12MP-8FPX90	3/4	1/2	2	1.17	10.32	9.86
041-129	12MP-12FPX90	3/4	3/4	2	1.19	10.32	9.86

MALE TO FEMALE 45 ELBOW

041-451	4MP-4FPX45	1/4	1/4	1.64	-	3.38	2.49
041-452	6MP-6FPX45	3/8	3/8	1.77	-	4.46	3.41
041-453	8MP-8FPX45	1/2	1/2	2.32	-	6.48	4.76

MALE TO FEMALE BRANCH TEE

041-501	6MP-6FPX-6FPX	3/8	3/8	3/8	1.5	6.43	6.12
041-502	8MP-8FPX-8FPX	1/2	1/2	1/2	1.81	9.13	8.56

FEMALE TO FEMALE BRANCH TEE

041-551	4FPX-4FPX-4FPX	1/4	1/4	1/4	.781	7.91	7.30
041-552	6FPX-6FPX-6FPX	3/8	3/8	3/8	.937	8.36	7.81
041-553	8FPX-8FPX-8FPX	1/2	1/2	1/2	1	10.41	9.84

O-Ring Boss Fittings

DBH Part #	Description	A	B	L1	1-49	50-UP
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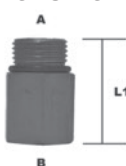
MALE O-RING TO FEMALE PIPE

043-101	8MB-4FP	#8 SAE	1/4	1.16	3.14	2.71
043-102	8MB-6FP	#8 SAE	3/8	1.16	3.72	3.32
043-103	8MB-8FP	#8 SAE	1/2	1.44	3.72	3.32
043-104	12MB-12FP	#12 SAE	3/4	1.59	7.22	7.00

MALE O-RING TO FEMALE SWIVEL NPT

043-011	6MB-6FPX	#6 SAE	3/8	1.171	4.38	3.78
043-012	6MB-8FPX	#6 SAE	1/2	1.234	4.57	3.88
043-013	8MB-6FPX	#8 SAE	3/8	1.234	3.98	3.77
043-014	8MB-8FPX	#8 SAE	1/2	1.234	3.98	3.77

043-101



043-011



Rigid Pipe Fittings



DBH Part #	Description	A	B	L	1-49	50-UP
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HEX PIPE NIPPLE

042-001	4MP-4MP	1/4	1/4	1.45	1.60	1.30
042-002	6MP-6MP	3/8	3/8	1.45	1.82	1.62
042-003	8MP-8MP	1/2	1/2	1.89	2.18	1.96
042-004	8MP-6MP	1/2	3/8	1.7	4.00	3.85
042-005	12MP-12MP	3/4	3/4	1.96	3.59	3.38
042-006	16MP-16MP	1	1	2.34	6.55	5.52

HEX SOCKET PIPE PLUG

042-101	4MP Plug	1/4	-	-	1.01	.72
042-102	6MP Plug	3/8	-	-	1.14	.84
042-103	8MP Plug	1/2	-	-	1.28	1.00

REDUCER BUSHING

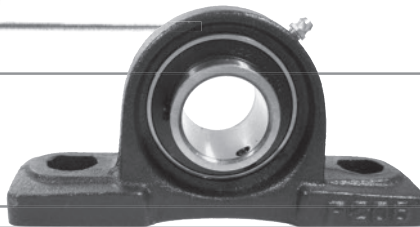
042-211	6MP-4FP	3/8	1/4	.859	1.84	1.56
042-212	8MP-4FP	1/2	1/4	1.109	2.16	1.97
042-213	8MP-6FP	1/2	3/8	1.109	2.26	1.99
042-214	12MP-6FP	3/4	3/8	1.171	3.08	2.60
042-215	12MP-8FP	3/4	1/2	1.171	3.08	2.60
042-216	16MP-12MP	1	3/4	1.359	4.60	4.10



HEX SOCKET O-RING PLUG

DBH Part #	Thread	1-9	10 & Up
043-902	#4 SAE	1.39	1.28
043-904	#6 SAE	1.46	1.34
043-905	#8 SAE	1.93	1.44
043-906	#10 SAE	2.38	2.02
043-907	#12 SAE	2.71	2.28



Mounted Units**PILLOW BLOCK BEARINGS -****UCP SERIES - Set-Screw Collar - Cast Iron Housing**

DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9	10 & Up
152-101	UCP 201-08	1/2	3 3/4	1 3/16	2 3/8	3/8	2	20.39	15.93
152-102	UCP 202-10	5/8	3 3/4	1 3/16	2 3/8	3/8	2	20.39	15.93
152-103	UCP 204-12	3/4	3 3/4	1 5/16	2 15/32	3/8	2	20.39	15.93
152-104	UCP 205-14	7/8	4 1/8	1 7/16	2 25/32	3/8	2	20.39	15.93
152-105	UCP 205-15	15/16	4 1/8	1 7/16	2 25/32	3/8	2	20.39	15.93
152-106	UCP 205-16	1	4 1/8	1 7/16	2 25/32	3/8	2	21.13	17.20
152-107	UCP 206-18	1 1/8	4 3/4	1 11/16	3 3/8	1/2	3	21.13	17.20
152-108	UCP 206-19	1 3/16	4 3/4	1 11/16	3 3/8	1/2	3	21.13	17.20
152-109	UCP 206-20	1 1/4	4 3/4	1 11/16	3 3/8	1/2	3	21.13	17.20
152-110	UCP 207-20	1 1/4	5	1 7/8	3 21/32	1/2	4	25.37	20.96
152-111	UCP 207-22	1 3/8	5	1 7/8	3 21/32	1/2	4	25.37	20.96
152-112	UCP 207-23	1 7/16	5	1 7/8	3 21/32	1/2	4	25.37	20.96
152-113	UCP 208-24	1 1/2	5 3/8	1 15/16	3 27/32	1/2	5	29.35	24.67
152-114	UCP 209-26	1 5/8	5 3/4	2 1/8	4 3/16	1/2	6	35.19	28.38
152-115	UCP 209-27	1 11/16	5 3/4	2 1/8	4 3/16	1/2	6	35.19	28.38
152-116	UCP 209-28	1 3/4	5 3/4	2 1/8	4 3/16	1/2	6	35.19	28.38
152-117	UCP 210-30	1 7/8	6 1/4	2 1/4	4 7/16	5/8	7	45.59	40.17
152-118	UCP 210-31	1 15/16	6 1/4	2 1/4	4 7/16	5/8	7	57.44	40.17
152-119	UCP 210-31	2	6 1/4	2 1/4	4 7/16	5/8	7	57.44	40.17
152-120	UCP 211-32	2	6 3/4	2 1/2	4 29/32	5/8	8	50.77	42.24
152-121	UCP 211-35	2 3/16	6 3/4	2 1/2	4 29/32	5/8	8	56.99	48.24
152-122	UCP 212-36	2 1/4	7 1/4	2 3/4	5 7/16	5/8	11	70.44	60.63
152-123	UCP 212-38	2 3/8	7 1/4	2 3/4	5 7/16	5/8	11	70.44	60.63
152-124	UCP 212-39	2 7/16	7 1/4	2 3/4	5 7/16	5/8	11	70.44	60.63
152-125	UCP 213-40	2 1/2	8	3	5 7/8	3/4	13	88.91	77.92
152-126	UCP 215-47	2 15/16	9 1/2	3 5/16	6 3/8	3/4	17	115.46	101.14
152-127	UCP 215-48	3	9 1/2	3 5/16	6 3/8	3/4	17	85.00	85.00

**DALTON
DEAL**

HCP SERIES - Eccentric Collar - Cast Iron Housing

DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9	10 & Up
152-001	HCP 202-10	5/8	3 3/4	1 5/16	2 3/8	3/8	2	22.33	17.42
152-002	HCP 204-12	3/4	3 3/4	1 5/16	2 15/32	3/8	2	22.33	17.42
152-003	HCP 205-14	7/8	4 1/8	1 7/16	2 25/32	3/8	2	22.33	17.42
152-004	HCP 205-16	1	4 1/8	1 7/16	2 25/32	3/8	2	22.33	17.42
152-005	HCP 206-18	1 1/8	4 3/4	1 11/16	3 3/8	1/2	3	25.82	20.13
152-006	HCP 206-19	1 3/16	4 3/4	1 11/16	3 3/8	1/2	3	25.82	20.13
152-007	HCP 206-20	1 1/4	4 3/4	1 11/16	3 3/8	1/2	3	25.82	20.13
152-008	HCP 207-20	1 1/4	5	1 7/8	3 21/32	1/2	4	29.07	22.68
152-009	HCP 207-22	1 3/8	5	1 7/8	3 21/32	1/2	4	29.07	22.68
152-010	HCP 207-23	1 7/16	5	1 7/8	3 21/32	1/2	4	29.07	22.68
152-011	HCP 208-24	1 1/2	5 3/8	1 15/16	3 27/32	1/2	5	33.53	26.16
152-012	HCP 209-28	1 3/4	5 3/4	2 1/8	4 3/16	1/2	6	38.70	30.21
152-013	HCP 210-31	1 15/16	6 1/4	2 1/4	4 7/16	5/8	7	48.23	41.24
152-014	HCP 210-32	2	6 1/4	2 1/4	4 7/16	5/8	7	48.23	41.24
152-015	HCP 211-32	2	6 3/4	2 1/2	4 29/32	5/8	8	55.25	49.91
152-016	HCP 211-35	2 3/16	6 3/4	2 1/2	4 29/32	5/8	8	61.77	54.03
152-017	HCP 212-39	2 7/16	7 1/4	2 3/4	5 7/16	5/8	11	81.85	71.62
152-018	HCP 215-47	2 15/16	9 1/2	3 1/4	6 3/8	3/4	17	131.96	121.77

SKF
TIMKEN
IR Torrington
NSK
IKO

**ALSO
AVAILABLE**

Threadlocker

- 50 ml Tube
- Meets Military Specs

DBH Part #	Compare to Loctite #
012-111	222
012-140	271



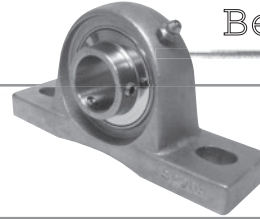
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Bearings

Mounted Units

PILLOW BLOCK BEARINGS - SUCSP SERIES
STAINLESS STEEL

STAINLESS!



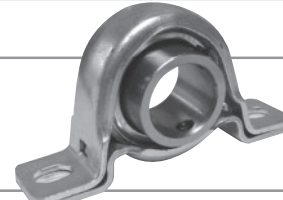
DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9
152-301	SUCSP204-12	3/4	3 3/4	1 5/16	2 15/32	3/8	1	55.71
152-302	SUCSP205-16	1	4 1/8	1 7/16	2 25/32	3/8	2	62.41
152-303	SUCSP206-19	1 3/16	4 3/4	1 11/16	3 3/8	1/2	2	98.14
152-304	SUCSP206-20	1 1/4	4 3/4	1 11/16	3 3/8	1/2	2	98.14
152-305	SUCSP207-20	1 1/4	5	1 7/8	3 21/32	1/2	3	116.02
152-306	SUCSP207-22	1 3/8	5	1 7/8	3 21/32	1/2	3	116.02
152-307	SUCSP207-23	1 7/16	5	1 7/8	3 21/32	1/2	3	116.02
152-308	SUCSP208-24	1 1/2	5 3/8	1 15/16	3 27/32	1/2	4	145.05
152-309	SUCSP209-28	1 3/4	5 3/4	2 1/8	4 3/16	1/2	5	187.46
152-310	SUCSP210-31	1 15/16	6 1/4	2 1/4	4 7/16	5/8	5	220.98
152-311	SUCSP210-32	2	6 1/4	2 1/4	4 7/16	5/8	5	220.98

TAPPED BASE PILLOW BLOCK UCPA SERIES Set-Screw Collar



DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9	10 & Up
152-130	UCPA 204-12	3/4	2	1 7/16	2 13/16	3/8	2	25.17	21.83
152-131	UCPA 205-16	1	2	1 7/16	2 13/16	3/8	2	26.11	22.94
152-132	UCPA 206-20	1 1/4	3	1 11/16	3 3/8	7/16	3	28.43	25.14
152-133	UCPA 207-20	1 1/4	3 1/4	1 7/8	3 3/4	1/2	4	34.06	30.97
152-134	UCPA 208-24	1 1/2	3 1/2	1 15/16	3 15/16	1/2	5	40.26	49.81

PRESSED STEEL PILLOW BLOCK SBPP SERIES



DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9	10 & Up
152-630	SBSP 201-8	1/2	2 11/16	7/8	1 3/4	5/16	2	23.91	21.83
152-632	SBSP 202-10	5/8	2 11/16	7/8	1 3/4	5/16	2	26.11	22.94
152-636	SBSP 205-16	1	3 3/8	1 1/8	2 7/32	3/8	3	28.43	25.14
152-638	SBPP 206-20	1 1/4	3 3/4	1 5/16	2 5/8	3/8	4	37.04	32.64

M2000 SELF-ALIGNING PILLOW BLOCK BEARINGS



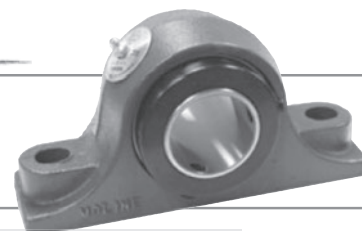
DBH# Part #	ID	Bolt Ctrs	Base To Bore Ctr	Overall Height	Wt.	Each	DBH# Part #	ID	Bolt Ctrs	Base To Bore Ctr	Overall Height	Wt.	Each
152-261	1 7/16	5	1 7/8	3 7/8	7	273.38	152-272	2 11/16	8 1/8	3 1/4	6 7/16	23	557.82
152-262	1 1/2	5	1 7/8	3 7/8	7	275.53	152-274	2 15/16	8 1/8	3 1/4	6 7/16	23	561.76
152-264	1 3/4	5 1/2	2 1/8	4 1/4	9	289.29	152-276	3	8 1/8	3 1/4	6 7/16	23	628.52
152-267	1 15/16	6 1/4	2 1/4	4 9/16	10	316.85	152-275	3 7/16	10	3 3/4	7 1/2	32	835.19
152-268	2	6 1/4	2 1/4	4 9/16	10	316.85	152-277	3 1/2	10	3 3/4	7 1/2	32	965.55
152-271	2 3/16	6 3/4	2 1/2	5	12	356.70	152-278	3 15/16	10 7/8	4 1/8	8 3/8	45	1094.35
152-265	2 7/16	7 1/8	2 3/4	5 11/16	17	407.54	152-279	4	10 7/8	4 1/8	8 3/8	45	1194.28
152-263	2 1/2	7 1/8	2 3/4	5 11/16	17	408.57							

Bearings

Mounted Units

TYPE E PILLOW BLOCK BEARINGS

Tapered Roller Bearings - High Quality - Iron Housing - Set Screw Collar

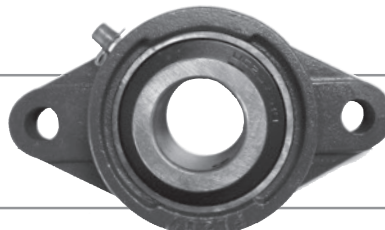


DBH Part #	ID	Bolt Centers	Base To Bore Ctr	Overall Height	Wt.	Each
2-BOLT HOUSING						
152-201	1 1/4	4 25/32	1 1/2	3	4	207.08
152-202	1 7/16	5 3/4	1 7/8	3 3/4	7	245.74
152-203	1 1/2	6 1/4	2 1/8	4 1/4	10	259.42
152-215	1 5/8	6 1/4	2 1/8	4 1/4	10	276.22
152-204	1 3/4	7	2 1/4	4 1/2	11	284.22
152-205	1 7/8	7	2 1/4	4 1/2	11	284.96
152-206	1 15/16	7	2 1/4	4 1/2	11	289.39
152-207	2	7	2 1/4	4 1/2	11	289.85
152-208	2 3/16	7 3/4	2 1/2	5	14	319.76
152-216	2 1/4	8 1/2	2 3/4	5 1/2	19	344.72
152-209	2 7/16	8 1/2	2 3/4	5 1/2	19	361.20
152-210	2 1/2	8 1/2	2 3/4	5 1/2	19	368.35
152-211	2 15/16	9 1/2	3 1/8	6 1/4	26	603.22
152-212	3	9 1/2	3 1/8	6 1/4	26	567.38
152-213	3 7/16	11	3 3/4	7 1/2	44	921.54
152-214	3 1/2	11	3 3/4	7 1/2	44	824.26

DBH Part #	ID	Bolt Centers	Base To Bore Ctr	Overall Height	Wt.	Each
4-BOLT HOUSING						
152-240	3 1/2	11	3 3/4	7 1/2	44	821.61
152-241	3 15/16	12 1/2	4 1/4	8 1/2	65	1151.13
152-242	4	12 1/2	4 1/4	8 1/2	65	1182.80
152-243	4 7/16	13 1/2	4 3/4	9 3/8	81	2342.81
152-244	5	15 1/2	5 1/2	10 7/8	132	3573.35
152-245	6	18 1/4	6 11/16	13 1/16	243	5612.70

2-BOLT FLANGE -

UCFL SERIES - Set-Screw Collar - Cast Iron Housing



DBH# Part #	BEARING #	ID	Bolt Centers	Overall Width	Overall Height	Bolt Size	Wt.	1-9	10 & Up
156-201	UCFL 201-08	1/2	3 17/32	4 13/32	2 3/8	3/8	2	19.08	13.79
156-202	UCFL 202-10	5/8	3 17/32	4 13/32	2 3/8	3/8	2	19.08	13.79
156-203	UCFL 204-12	3/4	3 17/32	4 13/32	2 3/8	3/8	2	19.08	13.79
156-204	UCFL 205-14	7/8	3 57/64	4 7/8	2 3/4	3/8	2	19.08	13.79
156-205	UCFL 205-16	1	3 57/64	4 7/8	2 3/4	3/8	2	19.08	13.79
156-206	UCFL 206-18	1 1/8	4 19/32	5 9/16	3 1/4	1/2	3	22.33	16.11
156-207	UCFL 206-19	1 3/16	4 19/32	5 9/16	3 1/4	1/2	3	22.33	16.11
156-208	UCFL 206-20	1 1/4	4 19/32	5 9/16	3 1/4	1/2	3	22.33	16.11
156-209	UCFL 207-20	1 1/4	5 1/8	6 1/8	3 3/4	1/2	3	25.82	19.81
156-210	UCFL 207-22	1 3/8	5 1/8	6 1/8	3 3/4	1/2	3	25.82	19.81
156-211	UCFL 207-23	1 7/16	5 1/8	6 1/8	3 3/4	1/2	3	25.82	19.81
156-212	UCFL 208-24	1 1/2	5 21/32	6 3/4	4 1/8	5/8	4	28.61	22.44
156-213	UCFL 209-28	1 3/4	5 53/64	7 13/32	4 1/4	5/8	5	34.80	25.75
156-214	UCFL 210-31	1 15/16	6 3/16	7 3/4	4 17/32	5/8	5	44.13	31.57
156-215	UCFL 211-32	2	7 1/4	8 13/16	5 1/8	5/8	7	50.77	36.84

HCFT SERIES - Eccentric Collar - Cast Iron Housing

DBH# Part #	BEARING #	ID	Bolt Centers	Base To Bore Center	Overall Height	Bolt Size	Wt.	1-9	10 & Up
156-115	HCFT 202-10	5/8	3 17/32	4 13/32	2 3/8	3/8	2	22.33	16.11
156-112	HCFT 204-12	3/4	3 17/32	4 13/32	2 3/8	3/8	2	22.33	16.11
156-126	HCFT 205-16	1	3 57/64	4 7/8	2 3/4	3/8	2	22.33	16.11
156-118	HCFT 206-18	1 1/8	4 19/32	5 9/16	3 1/4	1/2	3	25.82	19.81
156-120	HCFT 207-20	1 1/4	5 1/8	6 1/8	3 3/4	1/2	3	28.61	22.44



Mounted Units**2-BOLT FLANGE - LIGHT DUTY
SBLF SERIES - Set-screw Collar**

DBH Part #	BEARING #	ID	Bolt Centers	Overall Length	Overall Width	Bolt Size	Wt.	1-9	10-UP
156-220	SBFL 206-18G	1 1/8	3 9/16	4 7/16	3	15/32	2	20.75	18.30
156-221	SBFL 206-19	1 3/16	3 9/16	4 7/16	3	15/32	2	19.73	16.04
156-222	SBFL 207-23	1 7/16	3 15/16	4 13/16	3 1/2	15/32	3	24.29	21.85

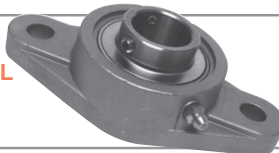
SALF SERIES - Eccentric Collar

DBH Part #	BEARING #	ID	Bolt Centers	Overall Length	Overall Width	Bolt Size	Wt.	1-9	10-UP
156-223	SALF 205-14	7/8	3	3 3/4	2 1/2	15/32	2	19.33	16.95
156-224	SALF 206-19	1 3/16	3 9/16	4 7/16	3	15/32	2	21.36	18.92

**2-BOLT FLANGE - LIGHT DUTY
SBFTD SERIES**

Ductile Iron Housing

DBH# Part #	BEARING #	ID	Bolt Centers	Overall Length	Overall Width	Bolt Size	Wt.	1-9	10 & Up
156-240	SBFTD 202-10	5/8	2 9/16	3 1/4	2 9/32	1/4	1	18.10	14.08
156-241	SBFTD 204-12	3/4	2 13/16	3 11/16	2 39/64	5/16	1	18.10	14.08
156-242	SBFTD 205-16	1	3	3 7/8	2 23/32	5/16	1	18.10	14.08
156-243	SBFTD 206-20	1 1/4	3 17/32	4 9/16	3 13/64	5/16	2	21.78	18.88
156-244	SBFTD 207-20	1 1/4	3 15/16	4 13/16	3 1/2	3/8	2	24.20	21.78
156-245	SBFTD 207-22	1 3/8	3 15/16	4 13/16	3 1/2	3/8	2	24.20	21.78
156-246	SBFTD 207-23	1 7/16	3 15/16	4 13/16	3 1/2	3/8	2	26.00	22.15

**2-BOLT FLANGE
SUCSFL SERIES - STAINLESS STEEL****STAINLESS!**

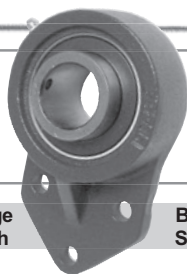
DBH Part #	BEARING #	ID	Bolt Centers	Overall Length	Overall Width	Bolt Size	Wt.	Each
156-251	SUCSFL204-12	3/4	3 17/32	4 13/32	2 3/8	3/8	1	55.71
156-252	SUCSFL205-16	1	3 57/64	4 7/8	2 3/4	3/8	2	62.43
156-253	SUCSFL206-19	1 3/16	4 19/32	5 9/16	3 1/4	1/2	2	98.14
156-254	SUCSFL206-20	1 1/4	4 19/32	5 9/16	3 1/4	1/2	2	98.14
156-255	SUCSFL207-20	1 1/4	5 1/8	6 1/8	3 3/4	1/2	3	116.02
156-256	SUCSFL207-22	1 3/8	5 1/8	6 1/8	3 3/4	1/2	3	116.02
156-257	SUCSFL207-23	1 7/16	5 1/8	6 1/8	3 3/4	1/2	3	116.02
156-258	SUCSFL208-24	1 1/2	5 21/32	6 3/4	4 1/8	5/8	4	145.05
156-259	SUCSFL209-28	1 3/4	5 53/64	7 13/32	4 1/4	5/8	5	187.46
156-260	SUCSFL210-31	1 15/16	6 3/16	7 3/4	4 17/32	5/8	5	220.98
156-261	SUCSFL210-32	2	6 3/16	7 3/4	4 17/32	5/8	5	220.98

**ALSO
AVAILABLE**

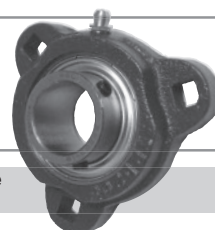
LET US IMPORT BEARINGS FOR YOU!
Please Call for Quote!

Bearings

Mounted Units

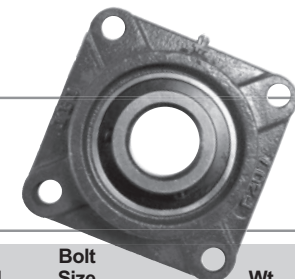
3-BOLT FLANGE - LIGHT DUTY
UCFB SERIES

DBH Part #	BEARING #	ID	Housing Die	Flange Width	Bolt Size	Wt.	1-9	10-UP
156-301	UCFB 204-12	3/4	2 7/16	2 1/16	5/16	2	24.01	19.70
156-302	UCFB 205-16	1	2 11/16	2 7/32	5/16	2	24.01	19.86
156-303	UCFB 206-20	1 1/4	3 1/16	2 9/16	5/16	2	26.35	24.12
156-304	UCFB 207-20	1 1/4	3 17/32	3 3/4	5/16	3	32.72	26.35
156-305	UCFB 207-22	1 3/8	3 17/32	2 3/4	5/16	3	32.72	24.89
156-306	UCFB 207-23	1 7/16	3 17/32	2 3/4	5/16	3	32.98	26.48
156-307	UCFB 208-24	1 1/2	3 15/16	3 1/16	3/8	5	35.54	33.17
156-308	UCFB 209-28	1 3/4	4 5/16	3 5/32	3/8	5	41.88	37.44
156-309	UCFB 210-31	1 15/16	4 13/32	3 3/8	3/8	6	47.77	42.45

3-BOLT FLANGE - LIGHT DUTY
SBTRD SERIES

DBH Part #	BEARING #	ID	Housing Diameter	Flange Width	Wt.	1-9	10-UP
157-001	SBTRD 205-16	1	3	5/16	1	23.07	21.83
157-002	SBTRD 206-20	1 1/4	3 9/16	3/8	2	27.72	26.40
157-003	SBTRD 207-20	1 1/4	3 15/16	3/8	2	34.82	33.17
157-004	SBTRD 207-22	1 3/8	3 15/16	3/8	2	34.82	33.17
157-005	SBTRD 207-23	1 7/16	3 15/16	3/8	2	34.82	33.17

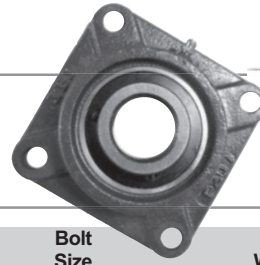
Mounted Units

4-BOLT FLANGE
UCF SERIES - Cast Iron Housing - Set-Screw Collar

DBH Part #	BEARING #	ID	Bolt Centers	Overall	Bolt Size	Wt.	1-9	10 & Up
156-414	UCF 201-8	1/2	2 17/32	3	3/8	2	19.09	13.79
156-415	UCF 202-10	5/8	2 17/32	3	3/8	2	19.09	13.79
156-416	UCF 204-12	3/4	2 17/32	3	3/8	2	19.09	13.79
156-417	UCF 205-14	7/8	2 3/4	3 3/8	3/8	3	19.09	13.79
156-418	UCF 205-16	1	2 3/4	3 3/8	3/8	3	19.09	13.79
156-419	UCF 206-18	1 1/8	3 9/32	4 1/4	3/8	3	22.33	16.11
156-420	UCF 206-19	1 3/16	3 9/32	4 1/4	3/8	3	22.33	16.11
156-421	UCF 206-20	1 1/4	3 9/32	4 1/4	3/8	4	25.82	16.11
156-422	UCF 207-20	1 1/4	3 5/8	4 5/8	7/16	4	25.82	19.81
156-423	UCF 207-22	1 3/8	3 5/8	4 5/8	7/16	4	25.82	19.81
156-424	UCF 207-23	1 7/16	3 5/8	4 5/8	7/16	5	28.59	19.81
156-425	UCF 208-24	1 1/2	4 1/64	5 5/8	1/2	5	33.72	22.44
156-426	UCF 209-27	1 11/16	4 1/8	5 5/8	1/2	6	34.80	25.75
156-427	UCF 209-28	1 3/4	4 1/8	5 5/8	1/2	6	37.54	25.75
156-428	UCF 210-31	1 15/16	4 3/8	5 5/8	1/2	7	44.13	31.57
156-429	UCF 210-32	2	4 3/8	5 5/8	1/2	9	50.77	44.13
156-430	UCF 211-32	2	5 1/8	6 3/8	5/8	9	50.77	44.13
156-431	UCF 211-35	2 3/16	5 1/8	6 3/8	5/8	9	61.89	55.25
156-432	UCF 212-36	2 1/4	5 5/8	6 7/8	5/8	11	61.89	55.25
156-433	UCF 212-39	2 7/16	5 5/8	6 7/8	5/8	11	76.52	66.31
156-434	UCF 213-40	2 1/2	6	7 3/8	5/8	13	88.52	73.42
156-435	UCF 215-47	2 15/16	6 1/4	7 7/8	5/8	17	112.84	108.25
156-436	UCF 215-48	3	6 1/4	7 7/8	5/8	17	112.84	112.84

SKF
TIMKEN
IR Torrington
NSK
IKO

**ALSO
AVAILABLE**

Mounted Units**4-BOLT FLANGE****HCFS SERIES - Cast Iron Housing - Eccentric Collar**

DBH Part #	BEARING #	ID	Bolt Centers	Overall	Bolt Size	Wt.	1-9	10- Up
156-400	HCFS 202-10	5/8	2 17/32	3	3/8	3	22.33	16.12
156-401	HCFS 204-12	3/4	2 17/32	3	3/8	3	22.33	16.12
156-402	HCFS 205-16	1	2 3/4	3 3/8	3/8	3	22.33	16.12
156-403	HCFS 206-18	1 1/8	3 9/32	4 1/4	3/8	3	25.82	18.63
156-404	HCFS 206-19	1 3/16	3 9/32	4 1/4	3/8	3	25.82	18.63
156-405	HCFS 206-20	1 1/4	3 9/32	4 1/4	3/8	4	25.82	18.63
156-406	HCFS 207-20	1 1/4	3 5/8	4 5/8	7/16	4	29.07	21.02
156-407	HCFS 207-22	1 3/8	3 5/8	4 5/8	7/16	4	29.07	21.02
156-408	HCFS 207-23	1 7/16	3 5/8	4 5/8	7/16	4	29.07	24.17
156-409	HCFS 208-24	1 1/2	4 1/64	5 5/8	1/2	5	33.53	24.23
156-410	HCFS 209-28	1 3/4	4 1/8	5 5/8	1/2	6	38.70	27.96
156-411	HCFS 210-31	1 15/16	4 3/8	5 5/8	1/2	7	43.76	34.19
156-412	HCFS 211-32	2	5 1/8	6 3/8	1/2	9	43.76	41.02
156-413	HCFS 212-39	2 7/16	5 5/8	6 7/8	1/2	11	63.23	56.78

4-BOLT FLANGE**SUCSFL SERIES - STAINLESS STEEL****STAINLESS!**

DBH Part #	BEARING #	ID	Bolt Centers	Overall	Bolt Size	Wt.	1-9	10-Up
156-551	SUCSF204-12	3/4	2 17/32	3	3/8	2	52.84	48.61
156-552	SUCSF205-16	1	2 3/4	3 3/8	3/8	2	59.20	52.15
156-553	SUCSF206-19	1 3/16	3 9/32	4 1/4	7/16	3	93.08	82.49
156-554	SUCSF206-20	1 1/4	3 9/32	4 1/4	7/16	3	93.08	82.49
156-555	SUCSF207-20	1 1/4	3 5/8	4 5/8	7/16	4	110.02	99.43
156-556	SUCSF207-22	1 3/8	3 5/8	4 5/8	7/16	4	110.02	99.43
156-557	SUCSF207-23	1 7/16	3 5/8	4 5/8	7/16	4	110.02	99.43
156-558	SUCSF208-24	1 1/2	4 1/64	5 1/8	1/2	4	132.83	124.82
156-559	SUCSF209-28	1 3/4	4 1/8	5 13/32	9/16	5	183.97	162.96
156-560	SUCSF210-31	1 15/16	4 3/8	5 5/8	9/16	6	209.55	194.71
156-561	SUCSF210-32	2	4 3/8	5 5/8	9/16	6	209.55	194.71

TAKE-UP BEARING - UCT SERIES

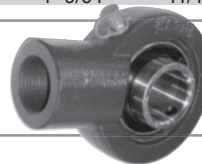
Cast Iron Housing



DBH Part #	BEARING #	ID	Overall Length	Overall Width	Hole	Slot Width	Wt.	1-9	10-Up
153-000	UCT 204-12	3/4	3 3/4	3 1/2	3/4	17/32	2	24.16	21.97
153-001	UCT 205-16	1	3 13/16	3 1/2	3/4	17/32	2	24.16	21.97
153-002	UCT 207-20	1 1/4	5 1/16	4	55/64	17/32	3	28.59	24.16
153-003	UCT 207-23	1 7/16	5 1/16	4	55/64	17/32	4	32.98	26.38
153-004	UCT 208-24	1 1/2	5 21/32	4	55/64	17/32	4	32.98	29.77
153-005	UCT 209-28	1 3/4	5 21/32	4 1/2	1 9/64	11/16	6	37.41	29.77
153-006	UCT 210-31	1 15/16	5 7/8	4 5/8	1 9/64	11/16	6	44.07	34.20

HANGER BEARING - UCSH SERIES

Cast Iron Housing

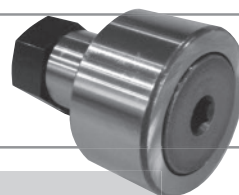


DBH Part #	BEARING #	ID	Overall Length	Overall Width	Hole	Wt.	1-9	10-Up
153-615	UCSH 204-12	3/4	3 25/32	2 7/32	3/4	2	23.58	20.83
153-616	UCSH 205-16	1	4 1/16	3 1/16	3/4	2	24.20	22.18
153-617	UCSH 207-20	1 1/4	4 9/16	3 5/8	3/4	3	36.35	31.97
153-618	UCSH 208-24	1 1/2	4 3/4	3 25/32	3/4	4	44.62	41.33

Bearings

CAM FOLLOWER BEARINGS

Hex Head w/ Double Seals. Also available: Slotted Head, Eccentric Shaft Collar

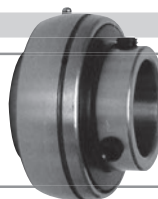


DBH Part #	BEARING #	Shaft Dia.	OD	Width	Lgth.	Each
153-051	CR-12 BUU	3/8	3/4	17/32	1 13/32	19.21
153-052	CR-14 BUU	3/8	7/8	17/32	1 13/32	20.58
153-053	CR-16 BUU	7/16	1	21/32	1 21/32	23.41
153-054	CR-18 BUU	7/16	1 1/8	21/32	1 21/32	26.57
153-055	CR-20 BUU	1/2	1 1/4	25/32	2 1/32	27.25
153-056	CR-22 BUU	1/2	1 3/8	29/32	2 1/32	30.47
153-057	CR-24 BUU	5/8	1 1/2	29/32	2 13/32	32.98
153-058	CR-26 BUU	5/8	1 5/8	29/32	2 13/32	37.51
153-059	CR-28 BUU	3/4	1 3/4	1 1/32	2 25/32	45.74
153-060	CR-30 BUU	3/4	1 7/8	1 1/32	2 25/32	42.69
153-061	CR-32 BUU	7/8	2	1 9/32	3 9/32	58.72
153-062	CR-36 BUU	7/8	2 1/4	1 9/32	3 9/32	67.68



Insert Bearings

UC SERIES - Wide inner race



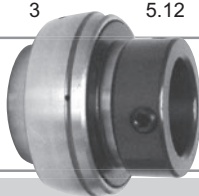
DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-601	UC 204-12	GC1012KRRB	3/4	1.85	0.63	1.22	11.85	9.40
130-602	UC 205-14	GC1014KRRB	7/8	2.05	0.67	1.34	11.85	9.40
130-603	UC 205-15	GC1015KRRB	15/16	2.05	0.67	1.34	11.85	9.40
130-604	UC 205-16	GC1100KRRB	1	2.05	0.67	1.34	11.85	9.40
130-605	UC 206-18	GC1102KRRB	1 1/8	2.44	0.75	1.5	12.91	10.73
130-606	UC 206-19	GC1103KRRB	1 3/16	2.44	0.75	1.5	12.91	10.73
130-607	UC 206-20	GC1103KRRB3	1 1/4	2.44	0.75	1.5	12.91	10.73
130-608	UC 207-20	GC1104KRRB	1 1/4	2.83	0.79	1.69	15.41	12.72
130-609	UC 207-22	GC1106KRRB	1 3/8	2.83	0.79	1.69	15.41	12.72
130-610	UC 207-23	GC1107KRRB	1 7/16	2.83	0.79	1.69	15.41	12.72
130-611	UC 208-24	GC1108KRRB	1 1/2	3.15	0.83	1.94	17.72	14.88
130-612	UC 209-28	GC1112KRRB	1 3/4	3.35	0.87	1.94	20.46	17.96
130-613	UC 210-30	GC1114KRRB	1 7/8	3.54	0.87	2.03	27.17	17.25
130-614	UC 210-31	GC1114KRRB	2	3.54	0.91	2.03	27.17	22.46
130-615	UC 211-32	GC1200KRRB	2	3.94	0.98	2.19	30.69	26.05
130-616	UC 212-39	GC1203KRRB	2 7/16	4.33	1.06	2.56	35.47	47.15
130-617	UC 215-47	GC1215KRRB	3	5.12	1.18	3.063	51.00	39.89



ALSO AVAILABLE

HC SERIES INSERT BEARINGS

Wide inner race



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-201	HC 204-12	G1012KRRB	3/4	1.85	0.63	1.72	12.91	10.73
130-202	HC 205-14	G1014KRRB	7/8	2.05	0.67	1.72	12.91	10.73
130-203	HC 205-16	G1100KRRB	1	2.05	0.67	1.75	12.91	10.73
130-204	HC 206-18	G1102KRRB	1 1/8	2.44	0.75	1.9	15.21	12.43
130-205	HC 206-19	G1103KRRB	1 3/16	2.44	0.75	1.9	15.21	12.43
130-206	HC 206-20	G1103KRRB3	1 1/4	2.44	0.75	1.9	15.21	12.43
130-207	HC 207-20	G1104KRRB	1 1/4	2.83	0.79	2.02	17.71	14.71
130-208	HC 207-22	G1106KRRB	1 3/8	2.83	0.79	2.02	17.71	14.71
130-209	HC 207-23	G1107KRRB	1 7/16	2.83	0.79	2.02	17.71	14.71
130-210	HC 208-24	G1108KRRB	1 1/2	3.15	0.83	2.22	19.96	16.93
130-211	HC 209-28	G1112KRRB	1 3/4	3.35	0.87	2.22	23.24	18.37
130-216	HC 210-31	G1114KRRB	2	3.54	0.9	2.47	31.03	24.81
130-212	HC 211-32	G1200KRRB	2	3.94	0.94	2.81	34.64	28.58
130-213	HC 211-35	G1203KRRB	2 3/16	3.94	0.94	2.81	34.64	28.58
130-214	HC 215-47	G1215KRRB	3	5.12	1.18	3.63	74.21	63.10

Insert Bearings**SB SERIES**

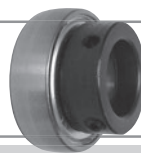
Spherical OD - Narrow inner race



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-401	SB 202-10	YA010RRB	5/8	1.574	0.47	0.87	11.48	10.06
130-402	SB 204-12	YA012RRB	3/4	1.85	0.55	0.98	11.48	10.06
130-413	SB 205-14	YA014RRB	7/8	2.05	0.59	1.06	11.48	10.06
130-403	SB 205-16	YA100RRB	1	2.047	0.59	1.06	9.61	7.84
130-404	SB 206-18	YA102RRB	1 1/8	2.44	0.63	1.14	9.61	9.28
130-405	SB 206-19	YA103RRB	1 3/16	2.44	0.63	1.14	11.27	9.66
130-406	SB 206-20	YA103RRB2	1 1/4	2.44	0.63	1.14	11.27	9.66
130-407	SB 207-20	YA104RRB	1 1/4	2.834	0.71	1.26	13.79	11.53
130-408	SB 207-23	YA107RRB	1 9/16	2.834	0.71	1.26	12.67	10.28
130-409	SB 208-24	YA108RRB	1 1/2	3.149	0.75	1.34	15.44	13.28

SA SERIES

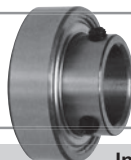
Spherical OD - Narrow inner race



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-301	SA 202-10	RA010RRB	5/8	1.574	0.47	1.13	11.03	9.21
130-302	SA 204-12	RA012RRB	3/4	1.85	0.55	1.16	11.03	9.21
130-303	SA 205-16	RA100RRB	1	2.047	0.59	1.2	11.03	9.21
130-304	SA 206-18	RA102RRB	1 1/8	2.44	0.625	1.33	13.23	11.17
130-305	SA 206-19	RA103RRB	1 3/16	2.44	0.625	1.33	13.23	11.17
130-306	SA 206-20	RA103RRB2	1 1/4	2.44	0.625	1.33	13.23	11.17
130-307	SA 207-20	RA104RRB	1 1/4	2.834	0.67	1.48	15.01	12.75
130-308	SA 207-22	RA106RRB	1 3/8	2.834	0.67	1.48	15.01	12.75
130-309	SA 207-23	RA107RRB	1 7/16	2.834	0.67	1.48	15.01	12.75
130-310	SA 208-24	RA108RRB	1 1/2	3.149	0.71	1.59	17.17	14.79
130-311	SA 209-26	RA110RRB	1 5/8	3.345	0.75	1.66	17.17	14.79
130-312	SA 209-27	RA111RRB	1 2/3	3.345	0.75	1.66	17.17	14.79
130-313	SA 209-28	RA112RRB	1 3/4	3.345	0.75	1.66	17.17	14.79
130-314	SA 210-30	RA114RRB	1 7/8	3.543	0.79	1.72	20.22	15.70
130-315	SA 210-31	RA115RRB	1 15/16	3.543	0.79	1.72	26.86	20.69

CSB SERIES

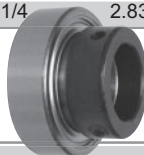
Radial O.D. - Narrow inner race



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-102	CSB 202-10	YA010RR	5/8	1.574	0.47	0.87	10.72	9.56
130-103	CSB 204-12	YA012RR	3/4	1.85	0.55	0.98	9.21	8.26
130-104	CSB 205-16	YA100RR	1	2.047	0.59	1.06	10.72	9.56
130-105	CSB 206-19	YA103RR	1 3/16	2.44	0.63	1.14	9.21	8.44
130-106	CSB 206-20	YA103RR2	1 1/4	2.44	0.63	1.14	11.47	9.60
130-107	CSB 207-20	YA104RR	1 1/4	2.834	0.71	1.26	14.16	10.59

CSA SERIES

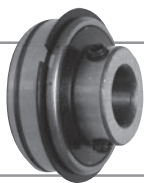
Radial O.D. - Narrow inner race



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10 & Up
130-001	CSA 204-12	RA012RR	3/4	1.85	0.55	1.16	11.05	9.20
130-002	CSA 205-14	RA014RR	7/8	2.047	0.59	1.2	11.05	9.20
130-003	CSA 205-16	RA100RR	1	2.047	0.59	1.2	11.05	9.20
130-004	CSA 206-20	RA103RR2	1 1/4	2.44	0.625	1.33	13.32	12.02
130-005	CSA-208-24	RA108RR	1 1/2	3.149	0.71	1.59	13.32	12.07
130-006	CSA-209-28	RA112RR	1 3/4	3.346	0.75	1.66	20.07	16.32

Bearings

Insert Bearings SER SERIES INSERT BEARINGS



DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10-Up
130-519	SER 202-10	ER10	5/8	1.85	0.63	1.22	7.85	6.91
130-501	SER 204-12	ER12	3/4	1.85	0.63	1.22	10.13	8.95
130-502	SER 205-14	ER14	7/8	2.05	0.75	1.34	10.13	8.95
130-503	SER 205-15	ER15	15/16	2.05	0.75	1.34	10.13	8.95
130-504	SER 205-16	ER16	1	2.05	0.75	1.34	10.13	8.95
130-505	SER 206-18	ER18	1 1/8	2.44	0.87	1.5	12.79	10.37
130-506	SER 206-19	ER19	1 3/16	2.44	0.87	1.5	12.79	10.37
130-507	SER 206-20	ER20R	1 1/4	2.44	0.87	1.5	12.79	10.37
130-508	SER 207-20	ER20	1 1/4	2.83	0.95	1.69	15.48	13.08
130-509	SER 207-22	ER22	1 3/8	2.83	0.95	1.69	15.48	13.08
130-510	SER 207-23	ER23	1 7/16	2.83	0.95	1.69	15.48	13.08
130-511	SER 208-24	ER24	1 1/2	3.15	1.1	1.94	18.39	15.57
130-512	SER 209-27	ER27	1 2/3	3.35	1.1	1.94	18.39	15.57
130-513	SER 209-28	ER28	1 3/4	3.35	1.1	1.94	21.71	16.54
130-514	SER 210-30	ER30	1 7/8	3.54	1.1	2.03	21.71	16.54
130-515	SER 210-31	ER31	2	3.54	1.1	2.03	24.69	21.01
130-516	SER 211-32	ER32	2	3.94	1.18	2.19	33.03	29.35

Radial Bearings 1600 Series

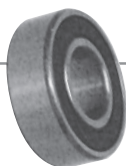


1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals NR0 w/ Snap Ring



DBH Part #	BEARING #	ID	OD	Width	1-9	10-Up	DBH Part #	BEARING #	ID	OD	Width	1-9	10-Up
1600 Series							160-011	1630-2RS	3/4	1 5/8	.5	4.49	3.65
160-001	1604-2RS	3/8	7/8	.6875	2.42	1.80	160-012	1635-2RS	3/4	1 3/4	.5	5.15	4.04
160-002	1614-2RS	3/8	1 1/8	.375	3.38	2.87	160-014	1638-2RS	3/4	2	.5625	5.47	4.47
160-003	1616-2RS	1/2	1 1/8	.375	3.65	2.87	160-015	1640-2RS	7/8	2	.5625	5.64	4.47
160-005	1621-2RS	1/2	1 3/8	.4375	3.70	3.03	160-016	1641-2RS	1	2	.5625	5.95	4.99
160-007	1621-ZZ	1/2	1 3/8	.4375	4.60	3.38	160-017	1641-2RSNR	1	2	.5625	9.41	7.97
160-008	1622-2RS	9/16	1 3/8	.4375	3.86	3.03	160-018	1652-2RS	1 1/8	2 1/2	.625	7.08	6.60
160-009	1623-2RS	5/8	1 3/8	.4375	4.04	3.03	160-019	1654-2RS	1 1/8	2 1/2	.625	7.55	6.99
160-010	1628-2RS	5/8	1 5/8	.5	4.35	3.28							

Radial Bearings 5200 Series



1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

DBH Part #	BEARING #	ID	OD	Width	1-9	10-Up	DBH Part #	BEARING #	ID	OD	Width	1-9	10-Up
160-101	5200-2RS	0.393	1.181	.5625	8.72	7.59	160-112	5205-ZZ	0.984	2.047	.8125	14.33	12.17
160-102	5200-ZZ	0.393	1.181	.5625	8.72	7.59	160-113	5206-2RS	1.181	2.44	.9375	17.54	14.88
160-103	5201-2RS	0.472	1.259	.625	9.52	7.92	160-114	5206-ZZ	1.181	2.44	.9375	18.80	15.00
160-104	5201-ZZ	0.472	1.259	.625	9.52	7.92	160-115	5207-2RS	1.378	2.834	1.0625	22.33	19.11
160-105	5202-2RS	0.59	1.378	.625	9.52	7.92	160-116	5207-ZZ	1.378	2.834	1.0625	23.77	20.01
160-106	5202-ZZ	0.59	1.378	.625	10.01	8.57	160-117	5208-2RS	1.574	3.149	1.1875	17.53	14.88
160-107	5203-2RS	0.669	1.574	.6875	10.01	8.57	160-118	5208-ZZ	1.574	3.149	1.1875	23.93	20.72
160-108	5203-ZZ	0.669	1.574	.6875	10.96	9.37	160-119	5209-2RS	1.771	3.346	1.1875	23.93	20.72
160-109	5204-2RS	0.787	1.85	.8125	10.96	9.37	160-120	5209-ZZ	1.771	3.346	1.1875	24.81	21.62
160-110	5204-ZZ	0.787	1.85	.8125	10.96	9.37	160-121	5210-2RS	1.968	3.543	1.1875	31.91	27.61
160-111	5205-2RS	0.984	2.047	.8125	10.96	9.37	160-122	5210-ZZ	1.968	3.543	1.1875	31.91	27.61

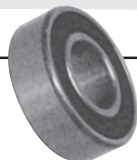
Radial Bearings - Continued

Radial Bearings
5300 Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

5300 Series		ID	OD	Width	1-9	10-Up
160-141	5304-2RS	0.787	2.047	.875	12.72	11.12
160-142	5304-ZZ	0.787	2.047	.875	12.72	11.12
160-143	5305-2RS	0.954	2.44	1	15.65	13.55
160-144	5305-ZZ	0.984	2.44	1	14.33	12.17

		ID	OD	Width	1-9	10-Up
160-145	5306-2RS	1.181	2.834	1.1875	23.61	20.72
160-146	5306-ZZ	1.181	2.834	1.1875	23.93	20.72
160-147	5307-2RS	1.378	3.149	1.375	37.59	31.92
160-148	5307-ZZ	1.378	3.149	1.375	37.59	31.92
160-149	5310-ZZ	1.968	4.33	1.75	52.74	40.57

Radial Bearings
6000 Series and
6000 EMQ Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

6000 Series		ID	OD	Width	1-9	10-Up
160-151	6000-2RS	0.393	1.023	.31	2.45	2.10
160-153	6001-2RS	0.472	1.102	.31	2.76	2.45
160-154	6001-ZZ	0.472	1.102	.31	3.58	2.66
160-155	6002-2RS	0.59	1.259	.35	3.28	2.94
160-156	6003-2RS	0.669	1.378	.39	3.57	3.20
160-157	6004-2RS	0.787	1.653	.47	3.88	3.36
160-159	6005-2RS	0.984	1.85	.47	4.83	4.36
160-161	6006-2RS	1.181	2.165	.51	5.51	4.98

		ID	OD	Width	1-9	10-Up
160-163	6006-ZZ	1.181	2.165	.51	5.51	4.98
160-164	6007-2RS	1.378	2.44	.55	6.84	6.03
160-165	6008-2RS	1.574	2.677	.59	7.30	6.56
160-166	6009-2RS	1.771	2.952	.62	8.49	7.51
160-167	6010-2RS	1.968	3.149	.62	8.49	7.51
160-168	6011-2RS	2.165	3.543	.70	12.43	9.76
160-169	6012-2RS	2.362	3.74	.70	13.63	10.73
160-170	6013-2RS	2.559	3.937	.70	15.79	12.79
160-171	6014-2RS	2.755	4.33	.78	17.28	13.82
160-172	6015-2RS	2.952	4.527	.78	20.70	17.65
160-173	6016-2RS	3.149	4.921	.87	27.69	24.87
160-174	6020-2RS	3.937	5.905	.94	32.64	29.05

6000 Series EMQ		ID	OD	Width	1-9	10-Up
160-191	6001-2RS EMQ	0.472	1.102	.31	3.88	3.43
160-192	6002-2RS EMQ	0.59	1.259	.35	4.40	3.94
160-193	6003-2RS EMQ	0.669	1.378	.39	4.40	3.94
160-194	6004-2RS EMQ	0.787	1.653	.47	5.35	4.45
160-195	6005-2RS EMQ	0.984	1.85	.47	6.11	5.43

		ID	OD	Width	1-9	10-Up
160-196	6006-2RS EMQ	1.181	2.165	.51	9.09	6.90
160-197	6007-2RS EMQ	1.378	2.44	.55	11.14	7.68
160-198	6008-2RS EMQ	1.574	2.677	.59	15.53	10.80
160-199	6010-2RS EMQ	1.968	3.149	.62	20.48	14.25
160-200	6015-2RS EMQ	2.952	4.527	.78	45.13	31.38

Radial Bearings
6200 Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

6200 Series		ID	OD	Width	1-9	10-Up
160-210	6200-2RS	0.393	1.181	.35	2.68	2.17
160-211	6200-ZZ	0.393	1.181	.35	2.68	2.17
160-212	6201-2RS	0.472	1.259	.39	2.83	2.31
160-213	6201-ZZ	0.472	1.259	.39	2.83	2.31
160-214	6201-2RS-1/2	0.5	1.259	.39	2.91	2.31
160-215	6202-2RS-1/2	0.5	1.378	.43	2.98	2.45
160-216	6202-2RS	0.59	1.378	.43	2.98	2.62
160-217	6202-2RS-5/8	0.625	1.378	.43	2.98	2.62
160-218	6202-2RSNR-5/8	0.625	1.378	.43	4.15	3.13
160-219	6202-2RS-10MM	0.393	1.378	.43	4.21	2.94
160-220	6202-2RS-16MM	0.629	1.378	.43	4.21	2.94
160-221	6202-ZZ	0.59	1.378	.43	2.98	2.45
160-222	6203-2RS	0.669	1.574	.47	3.13	2.45
160-224	6203-2RS-1/2	0.5	1.574	.47	3.13	2.62
160-225	6203-2RS-5/8	0.625	1.574	.47	3.13	2.62
160-226	6203-2RS-3/4	0.75	1.574	.47	3.13	2.62
160-227	6203-ZZ	0.669	1.574	.47	3.13	2.62
160-228	6204-2RS	0.787	1.85	.55	3.43	3.00
160-229	6204-2RS-3/4	0.75	1.85	.55	3.43	3.00
160-231-E	6205-2RS EMQ	.984	2.047	.59	3.58	3.04

		ID	OD	Width	1-9	10-Up
160-230	6204-ZZ	0.787	1.85	.55	3.43	3.00
160-231	6205-2RS	0.984	2.047	.59	3.88	3.28
160-233	6205-ZZ	0.984	2.047	.59	3.88	3.28
160-234	6205-2RS-1	1	2.047	.59	5.07	4.54
160-235	6206-2RS	1.181	2.44	.62	5.07	4.54
160-236	6206-ZZ	1.181	2.44	.62	5.07	4.54
160-237	6207-2RS	1.378	2.834	.66	6.56	4.54
160-238	6207-ZZ	1.378	2.834	.66	6.56	5.41
160-239	6208-2RS	1.574	3.149	.70	8.05	7.22
160-240	6208-ZZ	1.574	3.149	.70	8.05	7.22
160-241	6209-2RS	1.771	3.346	.74	9.53	8.12
160-242	6210-2RS	1.968	3.543	.78	11.03	9.03
160-243	6210-ZZ	1.968	3.543	.78	11.03	9.03
160-244	6211-2RS	2.165	3.937	.82	12.51	9.52
160-245	6212-2RS	2.362	4.33	.86	14.01	10.42
160-246	6213-2RS	2.559	4.724	.91	15.69	11.11
160-247	6214-2RS	2.755	4.921	.94	24.58	21.21
160-248	6215-2RS	2.952	5.118	.98	26.43	
160-249	6216-2RS	3.149	5.511	1.02	31.27	

Bearings

Radial Bearings 6200 EMQ Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

6200 Series EMQ	ID	OD	Width	1-9	10-Up
160-271 6200-2RS EMQ	0.393	1.181	.35	3.43	3.05
160-272 6201-2RS EMQ	0.472	1.259	.39	3.88	3.36
160-273 6202-2RS EMQ	0.59	1.378	.43	4.46	3.94
160-274 6203-2RS EMQ	0.669	1.574	.47	4.92	4.46
160-275 6204-2RS EMQ	0.787	1.85	.55	5.35	4.77

	ID	OD	Width	1-9	10-Up
160-231E 6205-2RS EMQ	0.984	2.047	.59	6.60	5.58
160-277 6206-2RS EMQ	1.181	2.44	.62	7.15	6.33
160-278 6207-2RS EMQ	1.378	2.834	.66	12.36	9.98
160-279 6208-2RS EMQ	1.574	3.149	.70	14.80	12.42
160-280 6209-2RS EMQ	1.771	3.346	.74	18.42	16.01
160-281 6210-2RS EMQ	1.968	3.543	.78	14.89	13.40

Radial Bearings 6300 Series and 6300 EMQ Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

6300 Series	ID	OD	Width	1-9	10-Up
160-300 6301-2RS	0.472	1.456	.472	3.52	3.02
160-301 6302-2RS	0.59	1.653	.511	3.88	3.34
160-302 6303-2RS	0.669	1.85	.551	4.26	3.66
160-303 6304-2RS	0.787	2.047	.590	4.46	3.83
160-304 6305-2RS	0.984	2.44	.669	5.07	4.14
160-305 6306-2RS	1.181	2.934	.748	6.56	5.64
160-306 6306-2RS-1 1/4	1.25	2.934	.748	9.69	8.81
160-307 6307-2RS	1.378	3.149	.826	8.05	6.91

6300 Series EMQ	ID	OD	Width	1-9	10-Up
160-320 6305-2RS EMQ	0.984	2.44	.669	8.21	6.57
160-321 6306-2RS EMQ	1.18	2.83	.748	11.48	9.19
160-322 6307-2RS EMQ	1.37	3.14	.826	14.55	11.64
160-323 6308-2RS EMQ	1.57	3.54	.90	20.91	16.73
160-324 6309-2RS EMQ	1.77	3.93	.98	27.30	21.84

	ID	OD	Width	1-9	10-Up
160-308 6307-ZZ	1.378	3.149	.826	8.05	6.91
160-309 6308-2RS	1.574	3.543	.90	9.83	8.44
160-310 6309-2RS	1.771	3.937	.98	11.03	9.46
160-311 6310-2RS	1.968	4.33	1.06	16.30	14.33
160-312 6312-2RS	2.362	5.118	1.22	27.53	26.42
160-313 6313-2RS	2.559	5.511	1.29	29.69	28.73
160-314 6314-2RS	2.755	5.905	1.378	32.38	30.64
160-315 6315-2RS	2.952	6.299	1.457	51.95	43.49
160-316 6316-2RS	3.149	6.692	1.535	44.51	41.72

	ID	OD	Width	1-9	10-Up
160-325 6310-2RS EMQ	1.96	4.33	1.06	37.67	30.12
160-326 6313-2RS EMQ	2.55	5.51	1.29	58.45	46.77
160-327 6314-2RS EMQ	2.75	5.9	1.378	70.38	56.30
160-328 6315-2RS EMQ	2.95	7.29	1.457	113.05	90.45
160-329 6316-2RS EMQ	3.14	6.69	1.535	137.59	109.60

Radial Bearings 6900 Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals

6900 Series	ID	OD	Width	1-9	10-Up
160-351 6900-2RS	0.4	0.87	.2362	3.13	2.81
160-352 6901-2RS	0.47	0.94	.2362	3.44	3.11
160-353 6902-2RS	0.59	1.1	.2756	3.77	3.40
160-354 6903-2RS	0.67	1.18	.2756	4.08	3.68
160-355 6904-2RS	0.79	1.46	.3543	4.40	3.97
160-356 6905-2RS	0.98	1.65	.3543	4.72	4.27

	ID	OD	Width	1-9	10-Up
160-357 6906-2RS	1.18	1.85	.3543	5.52	4.97
160-358 6907-2RS	1.38	2.17	.3937	6.16	5.57
160-359 6908-2RS	1.57	2.44	.4724	7.92	7.13
160-360 6910-2RS	1.96	2.83	.4724	11.12	10.03
160-361 6911-2RS	2.16	3.14	.5118	12.41	11.17

Radial Bearings R Series

1RS - 1 Rubber Seal ZZ - 2 Steel Shields
2RS - 2 Rubber Seals



R Series	ID	OD	Width	1-9	10-Up
160-822 R4A-ZZ	1/4	3/4	.28	2.51	1.86
160-824 R4-2RS	1/4	5/8	.19	2.51	1.86
160-825 R4-ZZ	1/4	5/8	.19	2.51	1.86
160-826 R6-ZZ	3/8	7/8	.28	2.51	1.86
160-827 R6-2RS	3/8	7/8	.28	2.51	1.86
160-829 R8-2RS	1/2	1 1/8	.31	2.62	1.94
160-830 R8-ZZ	1/2	1 1/8	.31	2.62	1.94
160-831 R10-2RS	5/8	1 3/8	.34	3.14	2.35
160-832 R10-ZZ	5/8	1 3/8	.34	3.14	2.35
160-833 R12-2RS	3/4	1 5/8	.43	4.09	3.05

	ID	OD	Width	1-9	10-Up
160-834 R12-ZZ	3/4	1 5/8	.43	4.09	3.05
160-835 R14-2RS	7/8	1 7/8	.5	4.47	3.34
160-836 R16-2RS	1	2	.5	5.07	3.77
160-837 R16-1RS	1	2	.5	3.19	2.36
160-838 R16-ZZ	1	2	.5	5.07	3.77
160-839 R18-2RS	1 1/8	2 1/8	.5	6.34	5.19
160-840 R20-2RS	1 1/4	2 1/4	.5	7.30	5.83
160-841 R22-2RS	1 3/8	2 1/2	.56	8.33	6.65
160-842 R22-ZZ	1 3/8	2 1/2	.56	8.33	6.65
160-843 R24-2RS	1 1/2	2 5/8	.56	8.83	7.07

Radial Bearings - CONTINUED

499502H SERIES

Hahn #326985; Rotary #09-481;
Snapper #10756

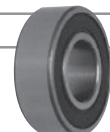


DBH Part #	BEARING #	ID	OD	Width	1-9	10-99
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161-002	99502H	.625	1.374	.433	2.61	2.37
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99502H SERIES

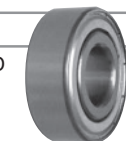
Ariens #54039; Bolens #1185169; Bunton
#PL4969; J-D #JD8570; MTD #741-0155;
Rotary #09-2945; Yazoo #204-020



161-004	Z9504AB	.75	1.784	.6098	4.30	3.82
161-005	Z9505AB-ZZ	.75	1.784	.6098	4.30	3.82

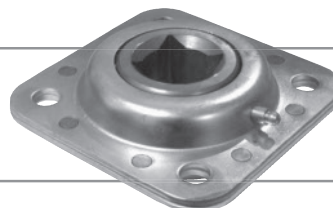
Z9504AB SERIES

A-C #536986; Ariens #54120; Bolens #1185828; J-D
#JD9296; Rotary #09-484; Simplicity #108202;
Snapper #13313; Yazoo #204-060



Disc Harrow Bearings

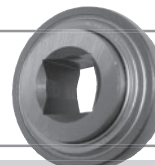
SQUARE FLANGE



DBH Part #	Bearing #	BCA #	Holes	Bore	Square Dim	1-9	10-Up
158-001	#ST491B"	FD209RB	Round	1 1/2 Rnd	5 X 5	25.46	22.06
158-002	#ST 209-1 1/8"	FD209RM	Square	1 1/8 Sq	5 X 5	30.66	26.43
158-003	#ST 491A"	FD209RA	Round	1 3/4 Rnd	5 X 5	23.77	20.36

Disc Harrow Bearings

SPHERICAL (ROUNDED O.D.)



DBH Part #	Bearing #	BCA #	Bore	OD	1-9	10-Up
158-010	W208PPB5	DS208TT5	1 1/8 Sq	3.149	24.45	22.35
158-011	W208PPB6	DS208TT6	1 Sq	3.149	24.45	22.35
158-012	W208PPB12	DS208TT12	1 1/8 Sq	3.438	34.72	30.20
158-013	W209PPB4	DS209TT4	1.535 Rnd	3.346	28.34	24.65
158-014	W209PPB5	DS209TT5	1 1/4 Sq	3.346	28.34	24.65
158-015	GW208PPB8	DS208TTR8	1 1/8 Sq	3.149	27.82	25.29
158-016	GW209PPB9	DS209TTR8	1 1/4 Sq	3.346	28.24	25.69
158-017	GW211PPB2	DS211TTR2	2.1880 Rd	3.937	32.51	29.32
158-018	GW211PPB3	DS211TTR3	1 1/2 Sq	3.937	36.48	33.16
158-019	GW208PPB5		1 1/2 Sq	3.149	36.48	33.16
158-020	GW211PPB10		1.94 Rnd	3.937	36.48	33.16

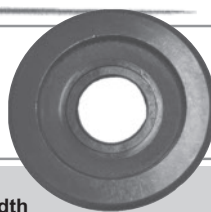
CYLINDRICAL (FLAT O.D.)

DBH Part #	Bearing #	BCA #	Bore	OD	1-9	10-Up
158-021	W208PP5	DC208TT5	1 1/8 Sq	3.149	21.34	18.98
158-022	W208PP8	DC208TT8	1 1/8 Sq	3.149	21.34	18.98
158-023	GW211PP3	DC211TTR3	1 1/2 Sq	3.937	32.46	28.28
158-024	GW210PP4	DC210TTR4	1 1/8 Sq	3.543	32.46	28.28
158-026	W2108PP6		1 Sq		32.46	28.28

Bearings

Mast Guide Bearings

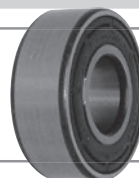
Designed to withstand heavy loads in
fork truck applications



DBH# Part #	BEARING #	Compare to	ID	OD	Width	1-9	10-Up
160-287	MG305-2RS-1	305SZZ-3	0.98	3.00	1.0	24.27	20.62
160-288	MG305-2RS-2	305SZZ-6	1.00	2.93	1.0	24.37	20.70
160-289	MG307-2RS-1	307SZZ-10	1.37	3.99	1.12	27.09	22.51
160-290	MG308-2RS-1	308SZZ-5	1.57	4.48	1.25	33.48	27.03
160-291	MG309-2RS-1	309SZZ-4	1.77	5.00	1.25	43.03	35.74

Radial Bearings

SPECIAL AGRICULTURAL



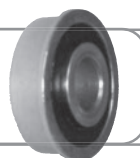
DBH# Part #	BEARING #	FAFNIR #	ID	OD	Inner Race Width	Overall Width	1-9	10-Up
158-031	204KRD4	204KRD4	0.62	1.85	0.68	0.55	6.72	5.72
158-032	203RRAR10	203KRR3	0.625	2	0.72	15 mm	5.30	4.33
158-033	203RRAR8	203KRR5	0.51	1.57	0.72	0.47	6.72	5.72
158-034	204FREN	H201KYNP2	0.63	1.78	0.73	0.61	9.50	7.98
158-035	202FFH8	202NNP9	0.5	1.5	0.43	0.43	7.58	6.23
158-036	205TTH	205PPB7	0.94	2.04	1.37	0.59	10.03	9.55
158-037	205RVA	205KRP2	0.75	2.04	0.83	0.59	11.05	9.12
158-038	204FVMN	204RY2	0.62	1.78	0.73	0.61	11.05	9.12
158-039	202RRE	202KRR8	0.59	1.37	0.88	0.43	7.57	6.23
158-040	203JD	203JD	0.66	1.57	0.55	0.47	7.57	6.23
158-041	205RHN	205KR3	0.75	2.04	0.70	0.64	15.26	12.95

SKF
TIMKEN
IR Torrington
NSK
IKO

**ALSO
AVAILABLE**

FLANGED WHEEL BEARINGS

- Heavy Duty



FLANGED BEARINGS

- Regular Duty



DBH Part #	HEIM #	ID	OD	Flange Width OD	100 1-99 & Up
160-801	RF82214	1/2	1 3/8	1 1/2	4.45 3.86
160-802	RF102214	5/8	1 3/8	1 1/2	4.59 3.73
160-803	RF122214	3/4	1 3/8	1 1/2	4.47 3.74
160-805	RF162216	1	2	9/16 2 1/8	6.52 5.14

DBH Part #	ID	OD	Flange Width OD	100 1-99 & Up
160-811	3/8	1 1/8	7/16 1 1/4	1.25 .98
160-812	1/2	1 1/8	7/16 1 1/4	1.25 .98
160-813	1/2	1 3/8	7/16 1 1/2	1.53 1.14
160-814	5/8	1 3/8	7/16 1 1/2	1.53 1.14
160-815	3/4	1 3/8	7/16 1 1/2	1.53 1.14
160-816	1	2	5/8 2 1/8	2.91 2.42

Tapered Cup/Cone Bearings

TAPERED CUP/ CONE BEARINGS & SETS



DBH# Part #	MFGR #	Type	ID	OD	1-9	10-99	100-up
155-003	LM-11910/LM11949	Set	0.75	1.78	4.65	4.13	3.68
155-006	L-44643 / L-44610	Set	1	1.98	7.05	4.47	4.12
155-009	LM-67048/LM-67010	Set	1.25	2.32	5.73	5.08	4.78
155-014	LM-48548 / LM-48510	Set	1.375	2.56	4.65	4.12	3.65
155-015	L-44649 / L-44610	Set	1.062	1.98	5.00	4.47	4.12
155-016	LM-11749/LM-11710	Set	0.687	1.57	4.65	4.12	4.12
155-017	LM-12749/LM-12710	Set	0.865		4.65	4.13	3.68
155-019	L-68149/L-68110	Set	1.37	2.32	5.77	5.07	4.75
155-020	L-68149/L-68111	Set	1.37	2.36	5.77	5.07	4.75

Set Collars

STEEL SHAFT COLLAR WITH SET-SCREW



DBH# Part #	ID	OD	WIDTH	1-99	100-up
175-001	1/4	7/16	1/4	1.70	1.28
175-002	5/16	5/8	5/16	1.70	1.28
175-003	3/8	3/4	3/8	3.01	2.06
175-004	7/16	7/8	7/16	3.01	2.06
175-005	1/2	1	7/16	4.73	3.74
175-006	5/8	1 1/8	1/2	5.04	3.74
175-007	3/4	1 1/4	9/16	5.78	4.04
175-008	7/8	1 1/2	9/16	5.90	4.98
175-009	1	1 5/8	5/8	6.11	5.25
175-010	1 1/8	1 3/4	5/8	6.25	5.41

DBH# Part #	ID	OD	WIDTH	1-99	100-up
175-011	1 1/4	2	11/16	6.26	5.43
175-012	1 3/8	2 1/8	3/4	6.41	5.50
175-013	1 7/16	2 1/4	3/4	6.58	5.64
175-014	1 1/2	2 1/4	3/4	6.62	5.75
175-015	1 3/4	2 5/8	7/8	6.94	5.98
175-016	1 15/16	3	7/8	7.20	6.14
175-017	2	3	7/8	13.98	11.44
175-018	2 1/8	3	7/8	14.48	-
175-019	2 15/16	4 1/4	1 1/8	14.50	-

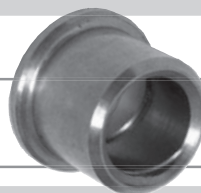
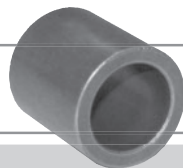
Spherical Bushings



DBH# Part #	BEARING #	ID	OD	Outer Width	Race Width	Each
STANDARD						
159-001	GEZ19ES	3/4	1 1/4	.66	.56	8.35
159-002	GEZ25ES	1	1 5/8	.88	.75	9.40
159-004	GEZ31ES	1 1/4	2	1.09	.94	10.91
159-005	GEZ34ES	1 3/8	2 3/16	1.19	1.03	15.34
159-006	GEZ38ES	1 1/2	2 7/16	1.31	1.13	17.03
159-007	GEZ44ES	1 3/4	2 13/16	1.535	1.31	22.89
159-008	GEZ50ES	2	3 3/16	1.75	1.5	30.26
159-009	GEZ57ES	2 1/4	3 9/16	1.97	1.69	32.63
159-010	GEZ63ES	2 1/2	3 15/16	2.19	1.88	47.29
159-011	GEZ69ES	2 3/4	4 3/8	2.41	2.06	60.85
159-012	GEZ76ES	3	4 3/4	2.63	2.25	76.05
159-013	GEZ82ES	3 1/4	5 1/8	2.84	2.44	89.41
159-014	GEZ88ES	3 1/2	5 1/2	3.06	2.63	145.89
159-015	GEZ95ES	3 3/4	5 7/8	3.28	2.81	187.63
159-016	GEZ101ES	4	6 1/4	3.5	3	200.82

DBH# Part #	BEARING #	ID (mm)	OD (mm)	Outer Width	Race Width	Each
METRIC						
159-040	GE25ES	25	42	20	16	11.47
159-041	GE30ES	30	47	22	18	12.82
159-042	GE35ES	35	55	25	20	15.34
159-043	GE40ES	40	62	28	22	17.74
159-044	GE45ES	45	68	32	28	24.58
159-045	GE50ES	50	75	35	36	25.94
159-046	GE60ES	60	90	44	40	39.56
159-047	GE70ES	70	105	49	45	47.47
159-048	GE80ES	80	120	55	50	83.33
159-049	GE90ES	90	130	60	65	101.79
159-050	GE100ES	100	150	70	55	163.54
159-051	GE110ES	110	160	70	55	222.33

Bronze Bushings



DBH Part#	ID	OD	Length	1-49	50 & Up
STRAIGHT BUSHINGS					
158-101	3/8	1/2	3/4	3.82	3.42
158-102	1/2	5/8	1	3.82	3.42
158-103	1/2	11/16	3/4	3.90	3.50
158-104	1/2	3/4	3/4	3.97	3.55
158-105	1/2	3/4	1 1/2	5.14	3.97
158-106	5/8	3/4	1	4.06	3.82
158-107	5/8	7/8	1	4.39	4.06
158-108	3/4	1	3/4	4.06	3.82
158-109	3/4	1	1	4.46	3.94
158-110	3/4	1	1 1/4	4.46	3.94
158-111	3/4	1	2	4.47	4.28
158-112	7/8	1	1	4.48	4.29
158-113	1	1 1/8	1 1/2	4.39	4.00
158-114	1	1 1/4	3/4	4.39	4.00
158-115	1	1 1/4	1	4.39	4.00
158-116	1	1 1/4	1 1/2	4.63	4.40
158-117	1	1 1/4	2	6.29	5.91
158-118	1 1/4	1 1/2	1	6.36	5.93
158-119	1 1/4	1 1/2	1 1/2	7.28	6.61
158-120	1 1/2	1 3/4	2	8.34	7.72
158-121	1 3/4	2	2	8.34	7.72
158-122	2	2 1/4	2	9.49	8.75

DBH Part#	ID	OD	Length	1-49	50 & Up
FLANGED BUSHINGS					
158-151	1/2	5/8	3/4	3.90	3.07
158-152	1/2	3/4	7/8	3.90	3.07
158-153	5/8	3/4	1 1/4	3.90	3.07
158-154	5/8	7/8	1	3.90	3.07
158-155	3/4	15/16	1	3.90	3.07
158-156	1	1 1/4	5/8	4.06	3.23
158-157	1	1 1/4	1 3/8	4.46	4.06
158-158	7/8	1 1/8	1	4.89	4.60
158-159	1	1 1/4	3/4	4.89	4.60
158-160	1 1/8	1 3/8	1	4.89	4.60

Bearings

Male Rod Ends

Steel Housing w/ Steel Raceway



Steel Housing w/ Bronze Raceway

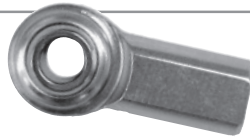


DBH Part #	ID	Thread Size	End to Center	1-9	10-UP
172-001	5/16	5/16-24	1.87	8.50	7.13
172-002	5/16	5/16-24 Left	1.87	8.50	7.13
172-003	3/8	3/8-24	1.93	8.50	7.13
172-004	3/8	3/8-24 Left	1.93	8.50	7.13
172-005	1/2	1/2-20	2.43	12.79	10.98
172-006	1/2	1/2-20 Left	2.43	12.79	10.98
172-007	5/8	5/8-18	2.62	24.23	22.18
172-008	5/8	5/8-18 Left	2.62	24.23	22.18
172-009	3/4	3/4-16	2.87	28.51	24.41
172-010	3/4	3/4-16 Left	2.87	28.51	24.41

DBH Part #	ID	Thread Size	End to Center	1-9	10-UP
172-201	1/4	1/4-28	1.56	7.07	6.30
172-202	5/16	5/16-24	1.87	7.13	6.31
172-203	5/16	5/16-24 Left	1.87	7.84	6.97
172-204	3/8	3/8-24	1.93	6.80	6.55
172-205	3/8	3/8-24 Left	1.93	7.50	6.71
172-206	7/16	7/16-20	2.12	9.00	8.13
172-207	1/2	1/2-20	2.43	12.29	11.50
172-208	1/2	1/2-20 Left	2.43	13.52	12.82
172-209	5/8	5/8-18	2.62	18.37	17.00
172-210	5/8	5/8-18 Left	2.62	20.19	18.50
172-211	3/4	3/4-16	2.87	23.68	20.90
172-212	3/4	3/4-16 Left	2.87	26.04	22.00

Female Rod Ends

Steel Housing w/ Steel Raceway



Steel Housing w/ Bronze Raceway



DBH Part #	ID	Thread Size	End to Center	1-9	10-UP
172-101	1/4	1/4-28	1.13	8.50	7.13
172-102	5/16	5/16-24	1.37	8.50	7.13
172-103	5/16	5/16-24 Left	1.37	8.50	7.13
172-104	3/8	3/8-24	1.62	8.57	7.13
172-105	3/8	3/8-24 Left	1.62	8.57	7.13
172-106	1/2	1/2-20	2.12	12.79	10.98
172-107	1/2	1/2-20 Left	2.12	12.79	10.98
172-108	5/8	5/8-18	2.50	24.23	22.18
172-109	3/4	3/4-16	2.87	28.51	24.41

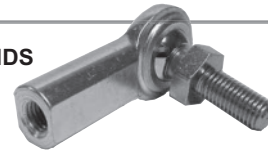
DBH Part #	ID	Thread Size	End to Center	1-9	10-UP
172-301	1/4	1/4-28	1.13	6.59	4.93
172-302	5/16	5/16-24	1.37	6.85	5.15
172-303	5/16	5/16-24 Left	1.37	7.56	5.66
172-304	3/8	3/8-24	1.62	6.80	5.09
172-305	3/8	3/8-24 Left	1.62	7.50	5.64
172-306	7/16	7/16-20	1.81	9.14	6.85
172-307	1/2	1/2-20	2.12	11.59	8.71
172-308	1/2	1/2-20 Left	2.12	10.20	9.56
172-309	5/8	5/8-18	2.5	17.83	13.39
172-310	3/4	3/4-16	2.87	23.22	17.41
172-311	3/4	3/4-16 Left	2.87	25.54	19.15

Ball Joints

MALE ROD ENDS
w/ Stud



FEMALE ROD ENDS
w/ Stud



DBH Part #	Thread Size	End to Center	1-9	10-UP
173-001	1/4-28	9/16	6.80	5.69
173-002	5/16-24	11/16	6.80	5.69
173-003	3/8-24	5/16	7.07	5.88
173-004	3/8-24 Left	5/16	7.07	5.88
173-005	1/2-20	1 1/8	11.37	9.72
173-006	1/2-20 Left	1 1/8	11.80	10.98
173-007	5/8-18	1 1/2	17.08	14.28
173-008	5/8-18 Left	1 1/2	17.08	14.28
173-009	3/4-16	1 13/16	36.26	27.99
173-010	3/4-16 Left	1 13/16	39.24	30.89

DBH Part #	Thread Size	End to Center	1-9	10-UP
173-101	1/4-28	9/16	6.80	5.69
173-102	5/16-24	11/16	6.80	5.69
173-103	5/16-24 Left	11/16	6.80	5.69
173-104	3/8-24	5/16	7.07	5.88
173-105	3/8-24 Left	5/16	7.07	5.88
173-106	7/16-20	1 1/8	8.50	7.13
173-107	7/16-20 Left	1 1/8	11.37	9.72
173-108	1/2-20	1 1/2	11.37	9.72
173-109	5/8-18	1 1/2	17.08	14.28
173-110	5/8-18 Left	1 13/16	17.08	14.28
173-111	3/4-16	1 13/16	28.82	25.20

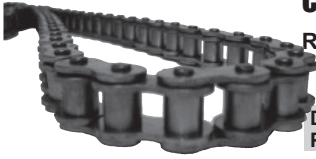


Available.
Just Ask!!!

120

Chain Products

RIVETED ROLLER CHAIN



DBH Part #	Size	Length (ft)	1-4	5-Up
700-001	35	10	26.84	21.60
700-002	35	100	255.12	225.40
700-003	40	10	27.23	22.53
700-004	40	100	304.32	271.29
700-005	41	10	39.74	27.32
700-006	41	100	341.95	309.93
700-007	50	10	33.30	34.33
700-008	50	50	154.46	151.65
700-009	50	100	271.85	248.19
700-010	60	10	58.27	49.34
700-011	60	50	231.69	217.86
700-012	60	100	427.73	398.37
700-013	80	10	101.83	87.83
700-014	80	50	302.13	271.46
700-015	100	10	178.37	165.07
700-016	120	10	169.99	153.49
700-017	140	10	176.90	171.81
700-018	160	10	338.91	298.71

Heavy				
DBH Part #	Size	Length (ft)	1-4	5-Up
700-221	50H	10	55.13	52.74
700-222	60H	10	57.73	55.66
700-223	80H	10	90.72	-
700-224	100H	10	124.78	-

CONNECTOR LINKS



DBH Part #	Size	1-9	10- Up
701-035	35	125	.70
701-040	40	1.25	.70
701-041	41	1.25	.70
701-050	50	1.25	.78
701-060	60	1.25	.90
701-080	80	1.61	1.18
701-100	100	2.53	2.09
701-120	120	3.63	3.14
701-140	140	6.24	5.73
701-160	160	7.96	6.84

HEAVY			
DBH Part #	Size	1-9	10- Up
701-050-H	50H	2.93	1.18
701-060-H	60H	3.31	1.18
701-080-H	80H	4.14	1.41
701-100-H	100H	5.41	3.14

OFFSET LINKS

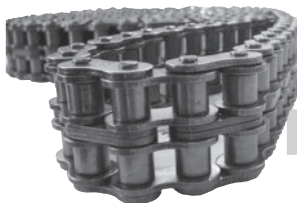


DBH Part #	Size	1-9	10- Up
702-035	35	1.59	1.33
702-040	40	1.75	1.40
702-041	41	1.82	1.44
702-050	50	1.90	1.49
702-060	60	2.04	1.77
702-080	80	2.86	2.33
702-100	100	4.21	3.60
702-120	120	6.43	5.27
702-140	140	10.35	9.66
702-160	160	13.05	12.00

HEAVY			
DBH Part #	Size	1-9	10- Up
702-050-H	50H	3.17	2.96
702-060-H	60H	3.31	3.11
702-080-H	80H	4.14	3.74
702-100-H	100H	5.41	4.85

Special Chain Products

RIVETED DOUBLE ROLLER CHAIN



DBH Part #	Size	Length (ft)	Each
704-001	35	10	42.79
704-003	40	10	48.29
704-007	50	10	73.24
704-010	60	10	85.68
704-013	80	10	147.51

DOUBLE CONNECTOR LINKS

DBH Part #	Size	Each
704-104	40	2.05
704-105	50	2.55
704-106	60	2.66

DOUBLE OFFSET LINKS

DBH Part #	Size	Each
704-114	40	2.79
704-115	50	2.98
704-116	60	3.38

STAINLESS STEEL ROLLER CHAIN



STAINLESS!

DBH Part #	Size	Length (ft)	Each
704-202	35	10	67.85
704-203	40	10	72.60
704-207	50	10	151.26
704-210	60	10	221.13
704-213	80	10	349.62

STAINLESS STEEL LINKS - CONNECTOR

DBH Part #	Size	Each
704-220	35	2.20
704-221	40	2.58
704-222	60	2.76
704-223	80	2.98

STAINLESS STEEL LINKS - OFFSET

DBH Part #	Size	Each
704-226	35	2.02
704-227	40	6.71
704-228	60	3.23
704-229	80	3.61

Power Transmission

Sprockets

ROLLER CHAIN SPROCKETS

BORE	KEYWAY
1/2 - 9/16	1/8"
5/8 - 7/8	3/16
15/16 - 1 1/4	5/16
1 1/2 - 1 3/4	5/16
1 7/8 - 2 1/4	3/8
2 1/2 - 3 1/4	1/2

DBH Part #	Teeth	Finished Bore											Each
		1/2	5/8	3/4	7/8	1	1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	
35 PITCH													
710-311	11	A	B	C									10.58
710-312	12	A	B	C	D								11.44
710-315	15	A	B	C	D	E	F						12.56
710-324	24		B	C	D	E	F	G	H	I	J	K	19.24
710-325	25			C	D	E	F	G	H	I	J	K	20.72
710-348	48					E	F	G	H	I	J	K	33.51
710-372	72											K	61.24
40 PITCH													
710-410	10	A	B	C									10.03
710-411	11	A	B	C	D								10.26
710-412	12	A	B	C	D								10.26
710-413	13	A	B	C	D	E							10.99
710-414	14	A	B	C	D	E	F	G					11.28
710-415	15	A	B	C	D	E	F	G	H				12.56
710-416	16		B	C	D	E	F	G	H				12.98
710-417	17		B	C	D	E	F	G	H				13.08
710-418	18		B	C	D	E	F	G	H	I	J	K	14.44
710-419	19		B	C	D	E	F	G	H	I	J	K	16.68
710-420	20		B	C	D	E	F	G	H	I	J	K	16.68
710-421	21		B	C	D	E	F	G	H	I	J	K	16.73
710-422	22		B	C	D	E	F	G	H	I	J	K	16.86
710-423	23		B	C	D	E	F	G	H	I	J	K	18.00
710-424	24		B	C	D	E	F	G	H	I	J	K	18.45
710-425	25			C	D	E	F	G	H		J	K	19.48
710-426	26			C	D	E	F	G	H		J	K	20.72
710-427	27			C	D	E	F	G	H			K	21.03
710-428	28			C	D	E	F	G	H		J	K	21.42
710-430	30			C	D	E	F	G	H		J	K	23.03
710-472	72											K	91.45
50 PITCH													
710-510	10		B	C	D	E							12.56
710-511	11		B	C	D	E							12.98
710-512	12		B	C	D	E	F	G	H				13.18
710-513	13		B	C	D	E	F	G	H				13.81
710-514	14		B	C	D	E	F	G	H				14.21
710-515	15		B	C	D	E	F	G	H	I	J	K	14.44
710-516	16		B	C	D	E	F	G	H	I	J	K	16.32
710-517	17		B	C	D	E	F	G	H	I	J	K	16.73
710-518	18		B	C	D	E	F	G	H	I	J	K	17.40
710-519	19		B	C	D	E	F	G	H	I	J	K	18.00
710-520	20			C	D	E	F	G	H	I	J	K	18.63
710-521	21			C	D	E	F	G	H	I	J	K	19.48
710-522	22			C	D	E	F	G	H	I	J	K	19.90
710-523	23			C	D	E	F	G	H	I	J	K	22.21
710-524	24			C	D	E	F	G	H	I	J	K	22.60
710-525	25			C	D	E	F	G	H	I	J	K	23.66
710-526	26			C	D	E	F	G	H	I	J	K	24.51
710-527	27			C	D	E	F	G	H	I	J	K	26.38
710-528	28			C	D	E	F	G	H	I	J	K	27.84
710-530	30			C	D	E	F	G	H	I	J	K	28.49
710-534	34			C	D	E	F	G	H	I	J	K	34.98
710-540	40			C	D	E	F	G	H	I	J	K	38.95

How to Order Sprockets:

When Ordering, select Part # w/ desired number of Teeth, then add Letter from matrix that corresponds to the desired Finished Bore.

Example: Part #710-410-A = 40 Pitch 10 Tooth w/ 1/2" Bore

Sprockets

ROLLER CHAIN SPROCKETS

DBH Part #	Teeth	3/4	7/8	1	Finished Bore										2	Each
					1 1/8	1 3/16	1 1/4	1 3/8	1 7/16	1 1/2	1 5/8	1 3/4	1 7/8	1 15/16		
60 PITCH																
710-610	10	C	D	E	F	G	H									12.56
710-611	11	C	D	E	F	G	H									13.40
710-612	12	C	D	E	F	G	H		J	K						13.81
710-613	13	C	D	E	F	G	H	I	J	K						14.03
710-614	14	C	D	E	F	G	H	I	J	K	L					14.64
710-615	15	C	D	E	F	G	H	I	J	K	L	M				15.92
710-616	16	C	D	E	F	G	H	I	J	K	L	M		O		16.32
710-617	17			E	F	G	H	I	J	K	L	M		O	P	17.40
710-618	18			E	F	G	H	I	J	K	L	M	N	O	P	17.81
710-619	19			E	F	G	H	I	J	K	L	M	N	O		19.48
710-620	20			E	F	G	H	I	J	K	L	M	N	O		20.50
710-621	21			E	F	G	H	I	J	K	L	M	N	O		22.57
710-622	22			E	F	G	H		J	K	L	M	N	O	P	24.30
710-623	23			E	F	G	H	I	J	K	L	M	N	O		25.77
710-624	24			E	F	G	H	I	J	K	L	M	N	O	P	26.39
710-626	26			E	F	G	H	I	J	K	L	M	N	O	P	28.92
710-627	27			E	F	G	H	I	J	K	L	M	N	O		30.58
710-628	28			E	F	G	H	I	J	K	L	M	N	O	P	32.04
710-630	30			E	F	G	H	I	J	K	L	M	N	O		37.09
710-632	32			E	F	G	H	I	J	K	L	M	N	O	P	42.60
710-635	35			E	F	G	H	I	J	K	L	M	N	O	P	56.57
80 PITCH																
710-810	10			E	F	G	H			K						21.99
710-811	11			E	F	G	H		J	K						22.21
710-812	12			E	F	G	H	I	J	K	L	M			P	25.37
710-813	13			E	F	G	H	I	J	K	L	M	N	O	P	26.39
710-814	14			E	F	G	H	I	J	K	L	M	N	O	P	27.65
710-815	15			E	F	G	H	I	J	K	L	M	N	O	P	30.18
710-816	16			E	F	G	H	I	J	K	L	M	N	O	P	31.63
710-817	17			E	F	G	H	I	J	K	L	M	N	O	P	32.88
710-818	18			E	F	G	H	I	J	K	L	M	N	O	P	37.31
710-819	19			E	F	G	H	I	J	K	L	M	N	O	P	38.11
710-820	20			E	F	G	H	I	J	K	L	M	N	O	P	51.89

Idler Sprockets

DBH Part #	Teeth	Bore	Each	DBH Part #	Teeth	Bore	Each	DBH Part #	Teeth	Bore	Each	DBH Part #	Teeth	Bore	Each
40 PITCH				50 PITCH				60 PITCH				80 PITCH			
710-912	17	1/2	13.25	710-914	15	5/8	14.70	710-917	11	1/2	14.70	710-920	11	3/4	25.50
710-913	17	5/8	13.25	710-915	17	1/2	15.17	710-918	13	5/8	15.78				
				710-916	17	5/8	13.52	710-919	15	5/8	21.76				

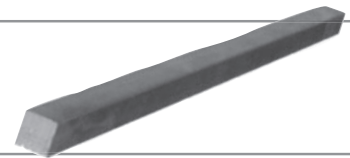
Round Keyed Shafting

Sold in 36" Lengths
Full Length Keyway



Square Key Stock

12" Pieces



DBH Part #	DIA	Keyway Width	Length	WT.	Each	DBH Part #	Keyway Width	Length	1-9	10- UP
700-702	1/2	1/8"	3 FT	3	27.33	700-603	3/16"	12"	3.16	2.94
700-703	3/4	3/16"	3 FT	6	37.58	700-604	1/4"	12"	3.63	3.23
700-704	7/8	3/16"	3 FT	7	48.81	700-605	5/16"	12"	4.83	4.35
700-705	1	1/4"	3 FT	9	49.45	700-606	3/8"	12"	6.34	5.85
700-706	1 1/4	1/4"	3 FT	14	66.60					
700-707	1 3/8	5/16"	3 FT	16	78.56					
700-708	1 1/2	3/8"	3 FT	19	90.50					
700-709	2	3/8"	3 FT	25	136.53					

Order
Form

BILLING ADDRESS

Company Name: _____
Contact Name: _____
Mailing Address: _____
City: _____
State/Province: _____
ZIP/Postal Code: _____ Country: _____
Telephone: (____) _____
Fax: (____) _____
Email: _____
Purchase Order #: _____
Tax Exempt #: _____

SHIPPING ADDRESS

Company Name: _____
Contact Name: _____
Mailing Address: _____
City: _____
State/Province: _____
ZIP/Postal Code: _____ Country: _____
Telephone: (____) _____
Fax: (____) _____

PAYMENTS

☐ Existing Account ☐ COD ☐
Check/Money Order

SHIPPING OPTIONS

UPS: ☐ Ground ☐ Next Day ☐ Next Day - Sat ☐ 2 Day ☐ 3 Day

Common Carrier: ☐ Economy ☐ Other (please specify) _____

☐ Visa ☐ MasterCard ☐ AmEx

Card #: _____ Expires: ____/____

Signature: _____

ORDER INFORMATION

Qty:	Part #:	Description:	Page:	Price:	Total:



SubTotal: _____

Shipping Charges: _____

Sales Tax: _____

Total: _____

Service Charge for Unpaid Items

DBH reserves the right to assess a 2% service charge on charges left unpaid over 45 days.

HYDRAULIC QUICK REFERENCE

Conversions		
Convert From	To	Multiply by
Cu.in. (in ³)	CC (cm ³)	16.39
Cu.in. (in ³)	Liters	0.01639
Pounds Feet (lb.ft.)	Newton Meters (Nm)	1.356
Gallons	Liters	3.785
Horsepower	BTU	2545
Horsepower	Watts	746
Horsepower	KW	0.7457
PSI	Bar	0.06804
PSI	KiloPascal (KPa)	6895
Pound	Kilogram	2.2
Inch	Millimeter (MM)	25.4
Mile	Kilometer (KM)	1.6093

Hydraulic Cylinder Force							
CYL. DIA	CYL. AREA	500 PSI	1000 PSI	1500 PSI	2000 PSI	2500 PSI	3000 PSI
1.5	1.77	884	1,767	2,651	3,534	4,418	5,301
2.0	3.14	1,571	3,142	4,712	6,283	7,854	9,425
2.5	4.91	2,454	4,909	7,363	9,817	12,272	14,726
3.0	7.07	3,534	7,069	10,603	14,137	17,672	21,206
3.5	9.62	4,811	9,621	14,432	19,242	24,053	28,863
4.0	12.57	6,283	12,566	18,850	25,133	31,416	37,699
4.5	15.90	7,952	15,904	23,857	31,809	39,761	47,713
5.0	19.64	9,817	19,635	29,453	39,270	49,087	58,905
6.0	28.27	14,137	28,274	42,412	56,549	70,686	84,823
8.0	50.27	25,133	50,266	75,398	100,531	125,664	150,797

Hydraulic Calculations	
Area of a Circle	$A = \pi r^2$
Volume of a Cylinder	$V = \pi r^2 \times L \div 231$
Force of a Cylinder	$F = A \times \text{PSI}$
Cylinder Extension (inches/second)	$\text{EXT. RATE} = \text{GPM} \times 4.9 \div d^2$
Cylinder Extension (time to extend)	$\text{EXT. TIME} = \text{CYL. VOLUME} \times .26 \div \text{GPM}$
Volume of a Reservoir (rectangular)	$\text{VOL} = L \times W \times D \div 231$
Volume of a Reservoir (round)	$\text{VOL} = \pi r^2 \times L \div 231$
Horsepower	$\text{HP} = T \times \text{RPM} \div 5252$
Torque	$T = \text{HP} \times 5252 \div \text{RPM}$

FLOW CAPACITIES OF HYDRAULIC LINES			
HOSE SIZE	FLOW - GPM	PIPE SIZE	FLOW - GPM
1/4"	3.5	1/4"	6.5
3/8"	7	3/8"	12
1/2"	12	1/2"	19
3/4"	27	3/4"	33
1"	48	1"	56
1 1/4"	75	1 1/4"	93

LEGEND
T= Torque (ft. lb.)
A= Area of circle (sq.in.)
F= Force
d= diameter
r= radius
$\pi = 3.1416$ (pi)
L= Length (inches)
W= Width (inches)
D= Depth (inches)
VOL= Volume
E= Efficiency
CIR= Cubic Inches/Revolution
V= Velocity
1 Gallon = 231 cu.in.

TERMS AND CONDITIONS

PAYMENT:

- CREDIT CARDS: We accept Visa, Mastercard & American Express
- CHECKS/MONEY ORDERS: With mail-in order, add an additional 1.5% to avoid additional COD fees. You will be reimbursed the difference of overpayment.
- Net 30 can be applied for by faxing 3 references and 2 bank references to 865-933-5377, normal approval time is 3-10 business days.

SHIPPING:

Most orders ship same day if placed by 3:00 PM, EST. Due to drop-ship orders of many items, you may receive various packages. If you receive merchandise that appears to have been damaged in shipping, notify the carrier and a Dalton representative within 24 hours to ensure claim is handled promptly.

RETURNS:

If you are not satisfied with your order from Dalton, please call for authorization number within 30 days from the time you received the order. Items must be totally clean and in resalable condition to receive full credit. All returns not due to DBH error may result in up to 25% restocking fee. We will not accept returns after 60 days. Ship the item(s), clearly marked with the Return number to:

Dalton Bearing and Hydraulic
2633 Rutledge Pike
Blaine, TN 37709
RGA# XXXXXX

Refunds will be issued via the original form of payment. Freight charges are not refundable unless the return is due to DBH's error.

WARRANTIES:

The products in this catalog carry a warranty from the manufacturer not from D.B.H. Wholesale. Therefore, any item sent back for such reason will be at the discretion of the manufacturer. Any item that has been altered or disassembled will no longer be covered under warranty. Returns found to be due to improper application or misuse (i.e. bent rods) are not covered.

Dalton does not provide engineering advice, product design advice, or application assistance. Dalton is not responsible for determining the feasibility of customers product design or application. The customer should rely on their own engineers to determine safety or application of items sold by Dalton in their product.

PRICING:

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Ports Sizes		
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5/16-24	=	#2 SAE
3/8-24	=	#3 SAE
7/16-20	=	#4 SAE
1/2-20	=	#5 SAE
9/16-18	=	#6 SAE
3/4-16	=	#8 SAE
7/8-14	=	#10 SAE
1 1/16-12	=	#12 SAE
1 3/16-12	=	#14 SAE
1 5/16-12	=	#16 SAE
1 5/8-12	=	#20 SAE



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Miscellaneous

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NOTES

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Randy Oath

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