V A L V E S

WVS Mono-Block Directional Control Valves



FEATURES:

- 1-6 spool mono-block
- 4000 PSI rating
- #8 SAE O-ring in/out Ports
- #8 SAE O-ring work ports
- Interchangeable motor spool
- Load check
- Parallel cylinder spools
- Adjustable relief
- Enclosed handle design
- Open center – field convertible to power beyond & closed center not included
- Low spool leakage (3 cc/min @ 1500 PSI)
- Nominal Flow 14 GPM

WVS Mono-Block Directional Control Valve Assemblies

VALVE MODEL NO.	NO. OF SPOOLS	SPOOL TYPE, ACTION	WEIGHT (POUNDS)	LIST PRICE
WVS11B5C1	1	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	6.2	206.70
WVS11C5C1	1	4 WAY 3 POSITION MOTOR, 3 POSITION DETENT, ALL SPOOLS	6.5	246.35
WVS21BB5C1	2	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	9.9	339.55
WVS31BBB5C1	3	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	13.9	454.65
WVS41BBBB5C1	4	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	17.6	574.70
WVS51BBBBB5C1	5	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	21.3	673.95
WVS61BBBBBB5C1	6	4 WAY 3 POSITION, SPRING CENTER TO NEUTRAL, ALL SPOOLS	25.1	796.85

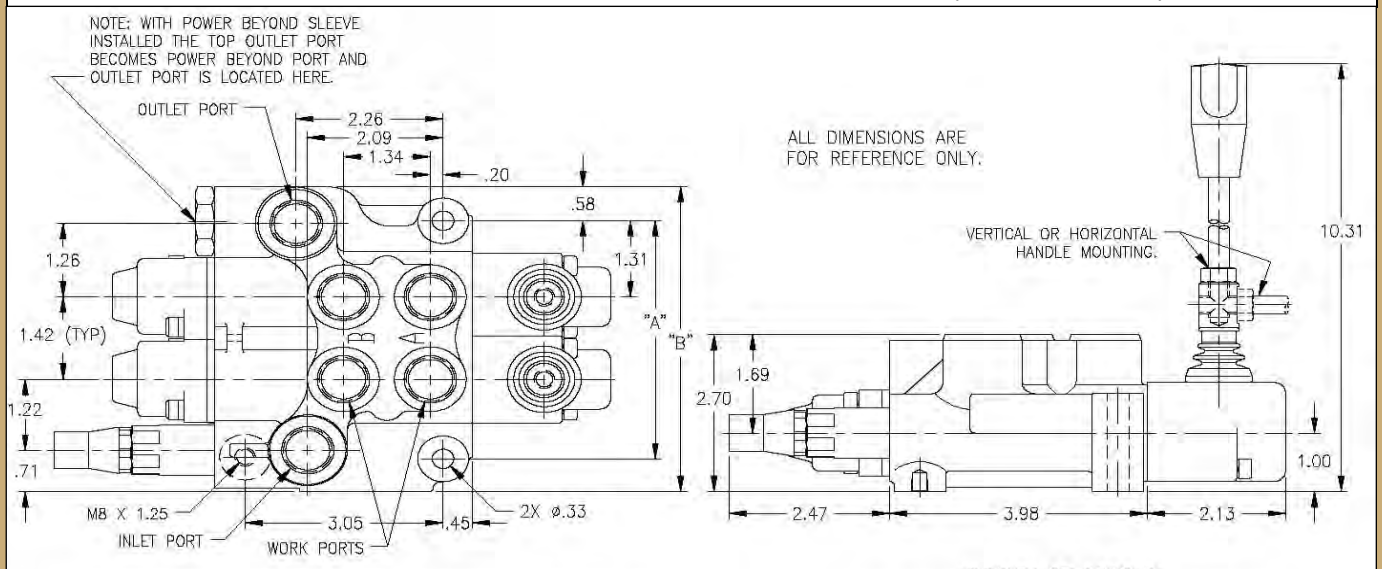
WVS Directional Control Valve Parts

PART NO.	DESCRIPTION	LIST PRICE
612104080	DOUBLE ACTING SPOOL	41.90
612104081	MOTOR SPOOL	41.90
612104082	FLOAT SPOOL PLUS DETENT POSITIONER (CAN BE USED ON ANY SPOOL LOCATION)	104.95
660370002	POWER BEYOND PLUG	31.35
660270007	RELIEF VALVE (750–1100) (51–75)	49.80
660270008	RELIEF VALVE (1100–2200) (76–150)	49.80
660270009	RELIEF VALVE (2200–3200) (151-220)	49.80
660270010	RELIEF VALVE (3200-4785) (221-330)	49.80
660170066	HANDLE WITH KNOB	10.20
660370003	HANDLE HOUSING	31.35
660370004	JOYSTICK KIT (FIELD INSTALLABLE) (HANDLE INCLUDED)	175.50
660170067	JOYSTICK HANDLE WITH KNOB	41.70
660570005	SEAL KIT (COMPLETE FOR UP TO 6 SECTIONS INCLUDING OR SEAL FOR MAIL RELIEF VALVE)	47.80
660170069	SPRING CENTER KIT	46.90
660170068	3 POSITION DETENT KIT (DETENT IN POSITION 1, 0, AND 2)	66.50

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Model WVS Specifications and Dimensional Data

MAXIMUM OPERATING PRESSURE	4000 PSI	STRAIGHT HANDLE LENGTH: 7.1 INCHES	
MAXIMUM TANK PRESSURE	300 PSI	FILTRATION RECOMMENDATIONS: ISO 4406 19 / 17 / 14	
NOMINAL FLOW RATING	14 GPM	SPOOL SEALS IN INTERNAL O-RING GROOVES	
MAXIMUM OPERATING TEMPERATURE	180˚ F	HIGH PRESSURE ADJUSTABLE RELIEF ADJUSTMENT RANGE 2200-3200 PSI (PRESET TO 2500 PSI)	



INLET & OUTLET PORTS: #8 SAE/ORB (3/4–16UNF–2B)
ALL WORK PORTS: #8 SAE/ORB (3/4–16UNF–2B)
OPTIONAL POWER BEYOND SLEEVE: #8 SAE/ORB (3/4–16UNF–2B)

NUMBER OF SPOOLS:

	1	2	3	4	5	6
"A"	2.68	4.09	5.51	6.93	8.35	9.76
"B"	3.82	5.24	6.65	8.07	9.49	10.91

Performance Curves

