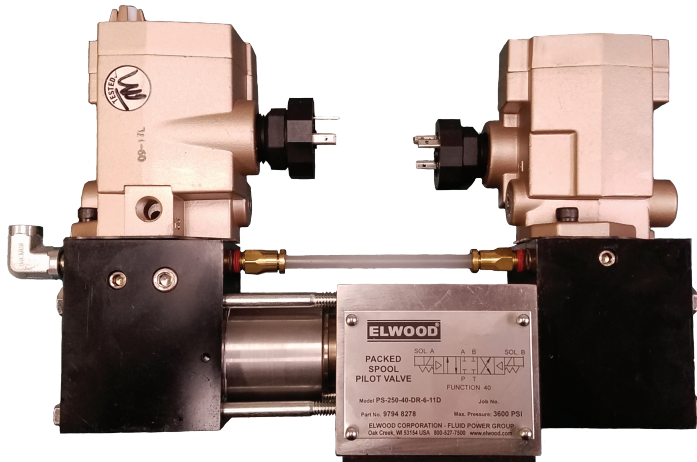


# PACKED SPOOL 4-WAY DIRECTIONAL CONTROL VALVE

SERIES 30



Above shown with air actuators



Above shown with manual hand lever

The Packed Spool Pilot Valve is a 1/4" 4-way directional control valve with ANSI D02, NFPA D05, or CETOP-5 mounting pattern.



## FEATURES

The new series 30 valve design features 400 series stainless steel internals, improved flow-rate in valve body and air cylinder bodies, and compatibility with Ross and Mac solenoids. Conformity with series 20 functionalities allows reverse compatibility with series 20 valves.



## ZERO LEAKAGE

Elwood's Packed Spool 4-Way Directional Control Valve's unique design allows for zero leakage in the valve. Unlike other pilot valves, the seals are fitted to not allow for any fluid to bypass.



## DURABILITY

For long-lasting durability with low viscosity fluid mediums, the series 30 design uses stainless steel bodies and internals, including spools, and sleeves.



## FLUID MEDIA

Valves function with fluid mediums such as raw water, non-flammable fluids, and low viscosity fluids (e.g. kerosene).

*For other fluid media, please contact us.*

# Ordering Data - Packed Spool Directional Control Valve

THIS VALVE IS A 1/4" 4-WAY DIRECTIONAL CONTROL VALVE WITH ANSI D02, NFPA D05 OR CETOP-5 MOUNTING PATTERN.

**MODEL CODE EXAMPLE**

**PS - 250 - 40 - DR - 6 - 11D**

Model

Function

Actuator Type

Voltage

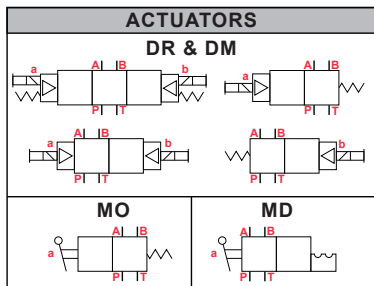
Valve Accessories

MODEL							
CODE	Recommended Flow				Maximum Working Pressure		CV
	Nominal		MAX		psi	bar	
	gpm	L/min	gpm	L/min			
3 PS-415	6	22	8	32	6000	415	0.4
PS-250	16	60	22	83	3600	248	1.5

FUNCTIONS							
40		CROSS OVER FOR FUNCTION	01		701		
44			02			702	
45			03			703	
501		601		701			
502		602		702			
503		603		703			
51		61		71			
52		62		72			
53		63		73			
54		64		74			
55		65		75			
56		66		76			

ACTUATOR TYPE	
DM	AIR ACTUATED VALVE WITH MAC SOLENOID
DR	AIR ACTUATED VALVE WITH ROSS SOLENOID
2 MO	MANUAL HAND LEVER OPERATOR
2 MD	MANUAL HAND LEVER OPERATOR WITH DETENT

VOLTAGE	
1	6 VDC
2	12 VDC
3	24 VDC
5	110 VDC
6	110/120VAC 50/60Hz
8	220/240VAC 50/60Hz
9	410/460VAC 50/60Hz
10	200VAC 50/60Hz
11	440/480VAC 60Hz
12	24VAC 50/60Hz



VALVE ACCESSORIES	
CODE NO.	DESCRIPTION
11B	ELECTRICAL QUICK DISCONNECT MALE - INDUSTRIAL, 3-BLADE PATTERN
11D	ELECTRICAL QUICK DISCONNECT MALE - DIN# 43650, 3-BLADE PATTERN
11E	ELECTRICAL QUICK DISCONNECT MALE - BRAD HARRISON 3-PIN
INDICATOR LIGHTS ARE STANDARD	

Accessories		
MODULAR VALVES		
<ul style="list-style-type: none"> <li>• Check Valve</li> <li>• Flow Control Sandwich Plate</li> <li>• Filter Block Assembly</li> </ul>		
SUBPLATES		
<ul style="list-style-type: none"> <li>• Side Ported</li> <li>• Bottom Ported</li> </ul>		
ELECTRICAL CORD ASSEMBLIES		
Standard Cords Available	Conn. Type	
	11D	11B
6' molded cords	X	X
18" shielded cable w/ 3' extended wire	X	

## Air Actuator Specifications

- FEATURES
- Solenoid Actuator
  - Manual Override

MODEL/ FUNCTION	RECOMMENDED AIR PRESSURE			
	MIN		MAX	
	psi	bar	psi	bar
PS-250	72	5	120	8
PS-415	81	6	120	8
To Actuate for 98/2 HWCF	61	4	120	8
Air Volume Required to Shift: 1.25 cubic inches (20 mL)				

## Notes

- Codes 3, 6, & 8 are standard voltages. For non-standard voltages, please contact us!
- For actuator types MO & MD, please use ACTUATOR CODE 7 and corresponding ACTUATOR TYPE MO/MD.
- PS-415 uses a modified D05 pattern to include 5/16"-18 size bolts.

For custom specifications and non-standard voltages, please contact us! Our team at Elwood is happy to customize a valve to fit your requirements!