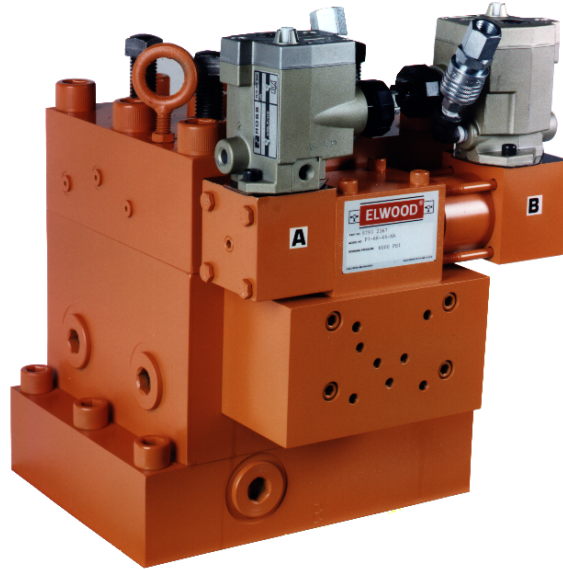


2-, 3-, AND 4-WAY DIN POPPET DIRECTIONAL CONTROL VALVES

SERIES 30



The Elwood line of DIN Poppet Directional Valves is a modern controls concept in water hydraulics.



FEATURES

The new series 30 valve design features 400 series stainless steel internals, improved flow-rate for valve body and air cylinder bodies, and compatibility with Ross and Mac solenoids. With conformance with the series 20 functionalities, series 30 valves are drop-in replacements for series 20 valves.



ZERO LEAKAGE

Positive, drop tight sealing is achieved by poppet type plunger assemblies with resilient seating discs which close against heat treated stainless steel mitered seats.



DURABILITY

For long-lasting durability with low viscosity fluid mediums, the series 30 design features 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 - 2-, 3-, & 4-Way Directional Control Valve

THE ELWOOD LINE OF DIN POPPET DIRECTIONAL VALVES IS A MODERN CONTROLS CONCEPT IN WATER HYDRAULICS

MODEL CODE EXAMPLE	D6M / DN32 - 3.6K - 40 - 6 - 11D - ***
<i>Model</i>	<i>Operating Pressure</i>
<i>Function</i>	<i>Voltage</i>
<i>Valve Accessories</i>	<i>Options</i>

MODEL			
CODE NO.	Description	Connection Size	Recommended Flow Range
B3M/DN16	B-Size Valve, Port Code 3, Manifold Mounting, Cartridge Size - DIN16	3/4"	15 - 50 GPM
C4M/DN25	C-Size Valve, Port Code 4, Manifold Mounting, Cartridge Size - DIN25	1"	30 - 100 GPM
D6M/DN32	D-Size Valve, Port Code 6, Manifold Mounting, Cartridge Size - DIN32	1-1/2"	60 - 200 GPM
E8M/DN40	E-Size Valve, Port Code 8, Manifold Mounting, Cartridge Size - DIN40	2"	110 - 300 GPM
F12M/DN50	F-Size Valve, Port Code 12, Manifold Mounting, Cartridge Size - DIN50	3"	250 - 570 GPM
G16M/DN63	G-Size Valve, Port Code 16, Manifold Mounting, Cartridge Size - DIN63	4"	400 - 900 GPM

Custom sizing & mounting connections available upon request.

OPERATING PRESSURE	
CODE NO.	DESCRIPTION
3.6K	3,600 PSI / 250 BAR
6K	6,000 PSI / 415 BAR
<i>Custom pressures available upon request.</i>	

FUNCTIONS			
TYPE	CODE NO.	NFPA Hydraulic Symbol	Neutral Position Description
4-WAY VALVE	40		All Ports Blocked
	41		All Ports Open
	42		P to A & T - B Blocked
	43		P to B & T - A Blocked
	44		P to A & B - T Blocked
	45		P Blocked - A & B to T
	46		P & A Blocked - B to T
	47		P & B Blocked - A to T
	48		P to A - B to T
	49		P to B - A to T
50		No Neutral Position	
3-WAY VALVE	30		All Ports Blocked
	31		All Ports Open
	32		P to A - T Blocked
	33		P Blocked - A to T
	34		P to A - T Blocked
	35		P Blocked - A to T
2-WAY VALVE	20		Normally Closed
	21		Normally Open
	22		No Neutral Position
	<i>Custom specifications & functions available upon request.</i>		

VOLTAGE ①	
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 ②	
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
<i>INDICATOR LIGHTS ARE STANDARD</i>	

OPTIONS	
CODE NO.	DESCRIPTION
22	Adjustable Pilot Choke
MO	Manual Lever Operator
MD	Manual Lever with Detent

MODULAR VALVES

- Check Valve
 - Flow Control Sandwich Plate
 - Filter Block Assembly
- ### SUBPLATES
- Side Ported
 - Bottom Ported

ELECTRICAL CORD ASSEMBLIES		
Standard Cords Available	Conn. Type	
	11D	11B
6' molded cords	X	X
18" shielded cable w/ 3' extended wire	X	

Notes

- ① Codes 3, 6, & 8 are standard voltages. For non-standard voltages, please contact us!
- ② Omit Valve Accessories (Electrical Characteristics) for Manual Options (MO/MD)
- ③ 2-way functions for manifold mounted valves only. See brochure 396 for other connection types.

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