

Proportional Directional Control Valves

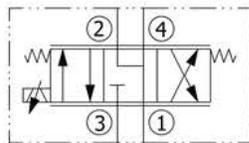
Description / Features / Benefits

The DPV-080/100-34 model is a 3-position, 4-way proportional directional control cartridge valve. When used with an external flow compensator, it allows for precise control of the speed of motor and cylinder motion. The DPV-080/100-34 ensures smooth movement of a load as well as enhances the operator's ability to stop the load at a desired position.

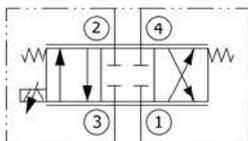
- Size 8 and 10: Motor & Closed Center Spool Options
- Size 8: Standard Flow – 4 GPM Nominal
Low Flow "L" – 2 GPM Nominal
- Size 10: Standard Flow – 6 GPM Nominal
- Operating Pressure - 3500 PSI
- Industry common cavities (080-4, 100-4)



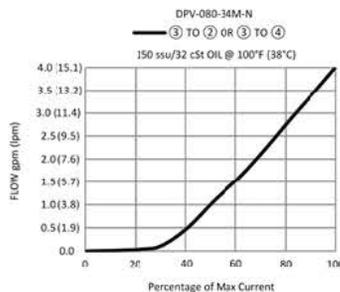
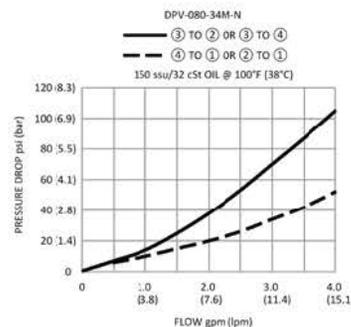
DPV-080-34M / DPV-100-34M
Motor Spool, Proportional
Directional Control



DPV-080-34C / DPV-100-34C
Closed Spool, Proportional
Directional Control



Typical Performance



Manual Override

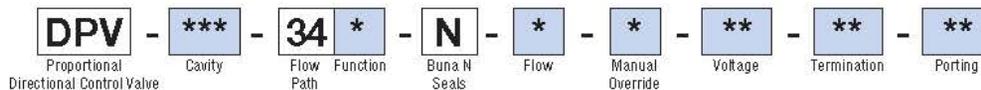


Series 8
(M) Push or Pull to
Desired Override Function



Series 10
(M) Rotate Knob CW and Push
or Rotate CCW and Pull to
Desired Override Function

How To Order



Cavity	
080	Series 8
100	Series 10

Function	
M	Motor Center
C	Closed Center

Flow	
omit	Standard Flow
L	Low Flow

Manual Override	
omit	No Manual Override
M	Manual Override

Voltage	
omit	Cartridge only w/nut
D1	DC 12 Volt
D2	DC 24 Volt

Termination	
omit	Cartridge only w/nut
UE	Deutsch
HE	DIN 43650

Porting	Series 8		Series 10	
	Cartridge only	In-Line Body w/o Cartridge	In-Line Body w/o Cartridge	In-Line Body w/o Cartridge
2N	1/4 PTF	B-080-4-2N	B-100-4-2N	
3N	3/8 PTF	B-080-4-3N	B-100-4-3N	
4T	SAE 4	B-080-4-4T		X
6T	SAE 6	B-080-4-6T		B-100-4-6T
8T	SAE 8	X		B-100-4-8T

Valve, Coil, and In-Line Body are supplied individually and need to be assembled. For a completed assembly consult the factory. All variations may not be configurable. Other coil termination options may be available.



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