

Proportional Flow Control Valves

Non-Compensated Flow Control

Description / Features / Benefits

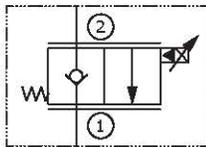
The **DPV-080/100-2NCP** model is a pilot-operated, poppet style, normally-closed proportional flow control cartridge valve. This type of valve is commonly used for load holding applications and it provides accurate control when lowering a load. An external pressure compensator is used with this valve to assure consistent performance.

The **DPFC-100-2NC** model is a direct-acting, spool type, normally-closed proportional flow control cartridge valve. It offers a user the flexibility to choose the ideal pressure compensator for tuning their system. This results in achieving the desired maximum flow rate while using the complete resolution of the proportional valve. An externally compensated flow control can be used where instability in the system exists.

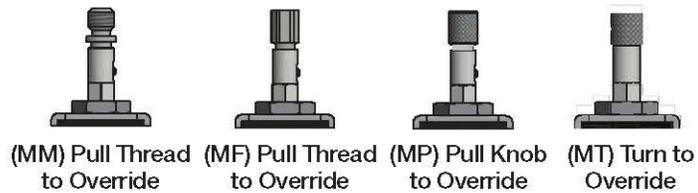
- 3000 PSI Operating Pressure
- Nominal Flow Rates up to 17 GPM
- Industry common cavities: DPV (080-2, 100-2), DPFC (100-3)



Poppet Style, Proportional Flow Control
DPV-080-2NCP / DPV-100-2NCP



Manual Override Options



How To Order

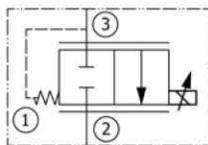
DPV - ******* - **2** **NC** - **P** - **N** - ****** - ****** - ****** - ******

Proportional Flow Control Valve Cavity Flow Path Normally Closed Poppet Buna N Seals Manual Override Voltage Termination Porting

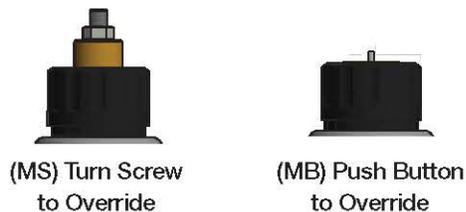
Cavity		Manual Override		Termination		Porting		Series 8	Series 10
080	Series 8	omit	No Manual Override	omit	Cartridge only w/nut	omit	Cartridge only	In-Line Body w/o Cartridge	In-Line Body w/o Cartridge
100	Series 10	MM	Male Pull 3/8-16 UNC	UE	Deutsch	2N	1/4 PTF	B-080-2-2N	B-100-2-2N
Voltage		MP	Knurled Knob Pull	HE	DIN 43650	3N	3/8 PTF	B-080-2-3N	B-100-2-3N
omit	Cartridge only w/nut	MF	Female Pull 1/4-28 UNF			4T	SAE 4	B-080-2-4T	X
D1	DC 12 Volt	MT	Threaded			6T	SAE 6	B-080-2-6T	B-100-2-6T
D2	DC 24 Volt					8T	SAE 8	X	B-100-2-8T



Spool Style, Proportional Flow Control
DPFC-100-2NC



Manual Override Options



How To Order

DPFC - **100** - **2** **NC** - **N** - ****** - ****** - ****** - ****** - ******

Proportional Flow Control Valve Cavity Flow Path Normally Closed Buna N Seals Manual Override Flow Voltage Termination Porting

Manual Override		Flow		Termination		Porting		In-Line Body w/o Cartridge
omit	No Manual Override	14	14 GPM	omit	Cartridge only w/nut	omit	Cartridge only	
MS	Manual Screw	Voltage		UE	Deutsch	2N	1/4 PTF	B-100-3-2N
MB	Manual Button	omit	Cartridge only w/nut	HE	DIN 43650	3N	3/8 PTF	B-100-3-3N
		D1	DC 12 Volt			6T	SAE 6	B-100-3-6T
		D2	DC 24 Volt			8T	SAE 8	B-100-3-8T

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.