

# Proportional Flow Control Valves

## Compensated Flow Control

### Description / Features / Benefits

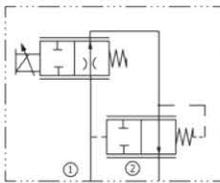
The DPFR2-100 model is an internally-compensated, proportional flow control cartridge valve. This valve has consistent flow regardless of the load pressure, resulting in consistent machine behavior. The DPFR2-100 improves productivity with precise control of machine motion and speed.

- Size 10, 2-Way & 3-Way Options
- Normally Closed or Normally Open Flow Logic
- Multiple Flow Rate Options (including 4 GPM and 8 GPM)
- 3000 PSI Operating Pressure
- Industry common cavities (100-2, 100-3)
- Typical applications include forklift cylinder control, salt spreader motor control and motor control for track vehicles

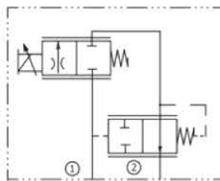


#### 2-Way Compensated Flow Control

DPFR2-100-2NO

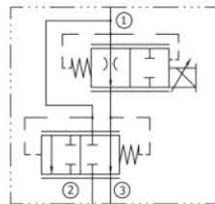


DPFR2-100-2NC

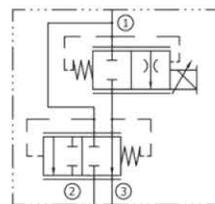


#### 3-Way Compensated Flow Control

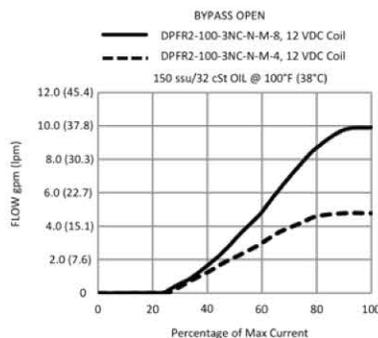
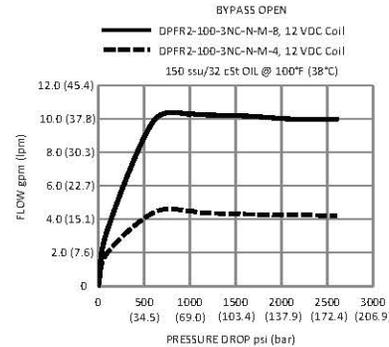
DPFR2-100-3NO



DPFR2-100-3NC



#### Typical Performance



#### Manual Override Options



(MS) Turn Screw to Override



(MB) Push Button to Override



(MK) Turn Knob to Override

### How To Order

**DPFR2** - **100** - **\*** **\*\*** - **N** - **\*** - **\*** - **\*\*** - **\*\*** - **\*\***

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

Flow Path	
2	2-Way
3	3-Way

Function	
NC	Normally Closed
NO	Normally Open

Manual Override	
MS	Manual Screw
MB	Manual Button
MK	Manual Knob

Flow	
4	4 GPM
8	8 GPM

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		2-Way	3-Way
omit	Cartridge only	In-Line Body w/o Cartridge	In-Line Body w/o Cartridge
2N	1/4 PTF	B-100-2-2N	B-100-3-2N
3N	3/8 PTF	B-100-2-3N	B-100-3-3N
6T	SAE 6	B-100-2-6T	B-100-3-6T
8T	SAE 8	B-100-2-8T	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.