

Materials

Cartridge:

Weight: 0.13 kg. (0.28 lbs.)
 Steel with hardened work surfaces.
 Zinc-plated exposed surfaces.
 Buna N O-rings and polyester elastomer back-ups standard.

Standard Ported Body:

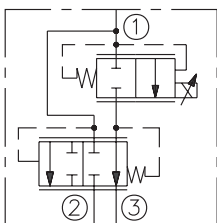
Weight: 0.27 kg. (0.60 lbs.)
 Anodized highstrength 6061 T6 aluminum alloy, rated to 207 bar (3000 psi). Ductile iron bodies available; dimensions may differ.

EHPR Series Coil:

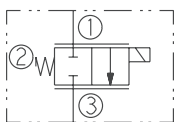
Weight: 0.32 kg. (0.7 lbs.)
 Unitized thermoplastic encapsulated.

Symbols

USASI/ISO:



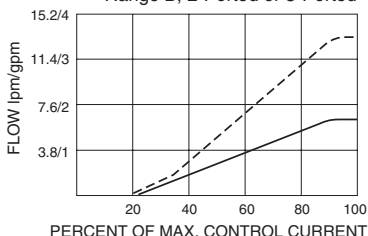
2-Ported:



Performance

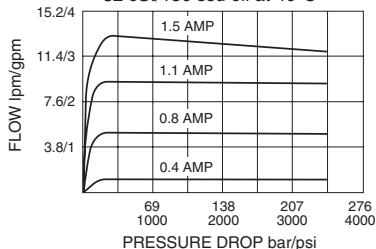
Nominal Flow vs. Current

207 bar/3000 psi; 12V Coil; 200 Hz PWM
 32 cSt/150 ssu oil at 40°C
 - - - - - Range A, 2-Ported or 3-Ported
 ——— Range B, 2-Ported or 3-Ported



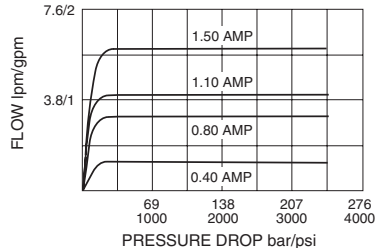
Regulated Flow vs. Pressure Drop

2-Ported; Flow **Range A**
 240 bar/3500 psi Inlet
 12V Coil; 200 Hz PWM
 32 cSt/150 ssu oil at 40°C



Regulated Flow vs. Pressure Drop

2-Ported; Flow **Range B**
 240 bar/3500 psi Inlet
 12V Coil; 200 Hz PWM
 32 cSt/150 ssu oil at 40°C



PV08-30

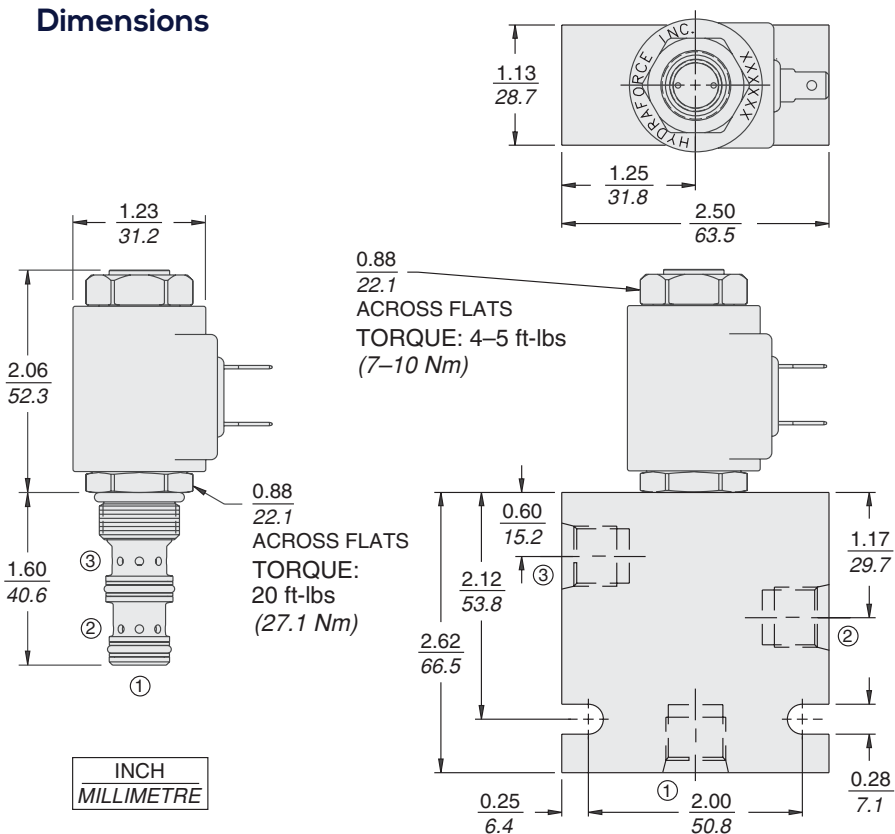
Proportional Flow Control Cartridge, Normally Closed 207 BAR Rated

A solenoid-operated, electrically-variable, three-port, pressure-compensated, spooltype, normally closed when de-energized, proportional flow control valve. It can be used as a priority-type flow regulator with pressure-compensated, regulated and bypass flow. It can also be used as a restrictive-type 2-way, pressure-compensated flow regulator when the bypass line (port ②) is blocked.

| Voltage | Hydraforce code | Article no. | Price £ | Price € |
|---|--------------------|-------------|---------|---------|
| CARTRIDGE FLOW VERSION A | | | | |
| 24V DC | PV08-30A-0-N-24DG | PV0830AC24 | £290.50 | €348.60 |
| CARTRIDGE FLOW VERSION B | | | | |
| 24V DC | PV08-30B-0-N-24DG | PV0830BC24 | £290.50 | €348.60 |
| INLINE WITH BODY 3/8" BSP FLOW VERSION A | | | | |
| 24V DC | PV08-30A-3B-N-24DG | PV0830A3B24 | £359.20 | €431.00 |
| INLINE WITH BODY 3/8" BSP FLOW VERSION B | | | | |
| 24V DC | PV08-30B-3B-N-24DG | PV0830B3B24 | £359.20 | €431.00 |
| with nitril seals | | | | |
| WITH 'G' DIN CONNECTOR PLUG | | | | |

On request - Viton Seals - Screen filter protection - Manual Override
 On request - For DC coils with spade or push on connections

Dimensions



Please contact our technical sales team for electronic controller options