



Proportional Valves Catalog

Flow Control, Pressure Compensated, Priority Type, Normally Closed



PFC12-PC

OPERATION

This is a pressure-compensated, priority-type, normally-closed, spool-type, proportional flow-control. Controlled flow is from port 1 to 3, port 2 is bypass.

SPECIFICATIONS

Rated pressure	260 bar [3770 psi]
Maximum flow at rated pressure	PFC12-PC-50: 50 l/min [13.21 US gal/min] PFC12-PC-65: 65 l/min [17.17 US gal/min]
Leakage	420 cm ³ /min [25.6 in ³ /min] @ rated pressure
Weight	0.81 kg [1.79 lb]
Hysteresis	8% maximum
Threshold current	0.5 A (12 VDC coil) 0.25 A (24 VDC coil)
Maximum control current	1.8 A (12 VDC coil) 0.9 A (24 VDC coil)
Cavity	SDC12-3
Standard Coil	D14E(35W) 35 Watt

Theoretical performance

REFERENCE

