Proportional Valves Catalog

Flow Control, Pressure Compensated, Priority Type, Normally Closed

PFC12-PC

OPERATION

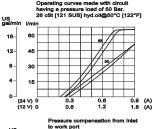
SPECIFICATIONS

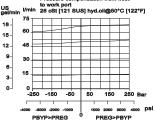
This is a pressure-compensated, priority-type, normally-closed, spool-type, proportional flow-control. Controlled flow is from port 1 to 3, port 2 is bypass.

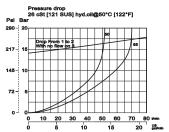
Rated pressure	260 bar [3770 psi]
Maximum flow at	PFC12-PC-50: 50 l/min
rated pressure	[13.21 US gal/min]
	PFC12-PC-65: 65 l/min
	[17.17 US gal/min]
Leakage	420 cm ³ /min [25.6 in ³ /min] @
	rated pressure
Weight	0.81 kg [1.79 lb]
Hysteresis	8% maximum
Threshold current	0.5 A (12 VDC coil)
	0.25 A (24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

Theoretical performance

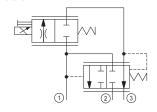
REFERENCE







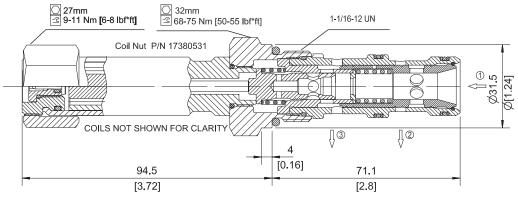
Schematic



DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

