

Cartridge Valves Technical Information

Solenoid Valves

2-Way Poppet

EVK 06/C5

OPERATION

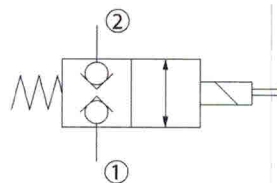
This is a normally-closed, double-blocking poppet-type solenoid valve.

SPECIFICATIONS

Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	50 l/min [13 US gal/min]
Weight	0.43 kg [0.95 lb]
Cavity	NCS06/2
Standard Coil	M16 26 Watt
Robust Coil	R16 20 Watt
	Robust Nut P/N 173804910 (no coil O-rings needed)

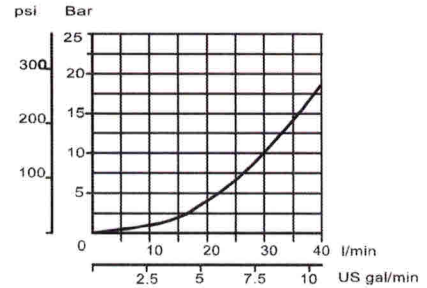
Schematic



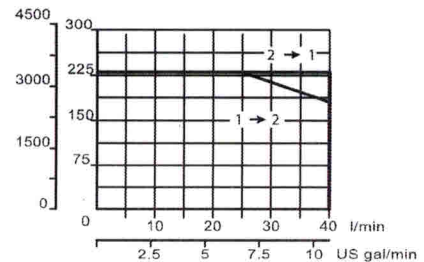
P102 716

Theoretical performance

Pressure drop
26 cSt [121 SUS] hyd.oil at 50°C [122 °F]



Operating envelope
26 cSt [121 SUS] hyd.oil at 50°C [122 °F]

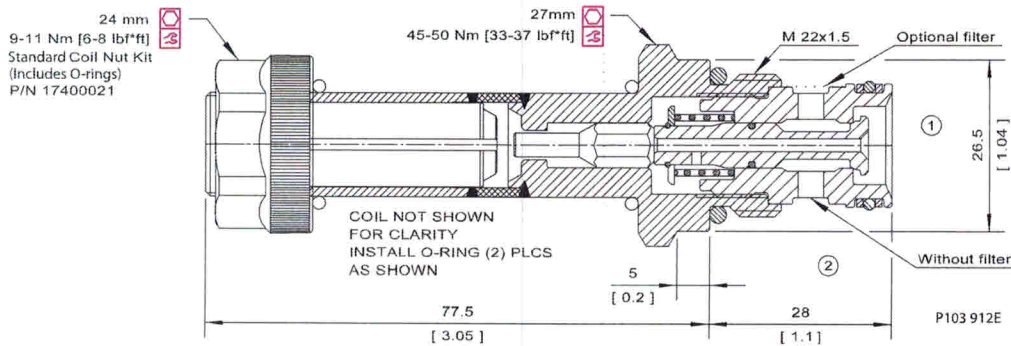


P103 861E

DIMENSIONS

mm [in]

Cross-sectional view



P103 912E

ORDERING INFORMATION

EVK 06/C5-F-12D-DN-00-V

Filter
Omit = No Filter
F = Filter 300 µm

Coil voltage

00 = No Coil

12D = 12 VDC (Standard Coil)

24D = 24 VDC (Standard Coil)

R12D = 12 VDC (R-Coil)

R24D = 24 VDC (R-Coil)

Coil termination:

00 = No Coil

FL = Flying Lead AJ = Amp Junior *

DN = DIN 43650 * AS = AMP SuperSeal 1.5 and Metri-Pack 150 type 1

DE = Deutsch

Seals
Omit = Buna
V = Viton

Seal kit
230000440
230000710

Body and ports

00 = Cartridge only

DG3/8 = Al, 3/8 BSP

DG1/2 = Al, 1/2 BSP

DG65 = Al, #6 SAE

DG85 = Al, #8 SAE

Other housings available

Body Nomenclature

No Body

NCS06/2-DG-3/8

NCS06/2-DG-1/2

NCS06/2-DG-65

NCS06/2-DG-85

P103 850E

* These terminations are not available on robust coil (R12D, R24D)