ENGINEERING TOMORROW

Cartridge Valves Technical Information
Solenoid Valves
2-Way Poppet
CP502-3

COMPLIANT

OPERATION

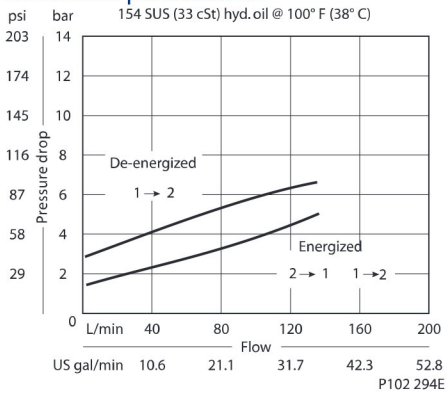
This valve is a normally closed, pilot operated, poppet type solenoid valve with free reverse flow.

SPECIFICATIONS

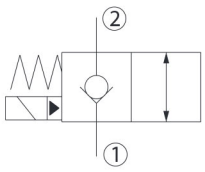
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	130 l/min [34 US gal/min]
Leakage	6 drops/min @ Rated pressure
Weight	0.66 kg [1.45 lb]
Cavity	SDC16-2
Standard Coil	D10 16 Watt
Coil nut	620186

Theoretical performance



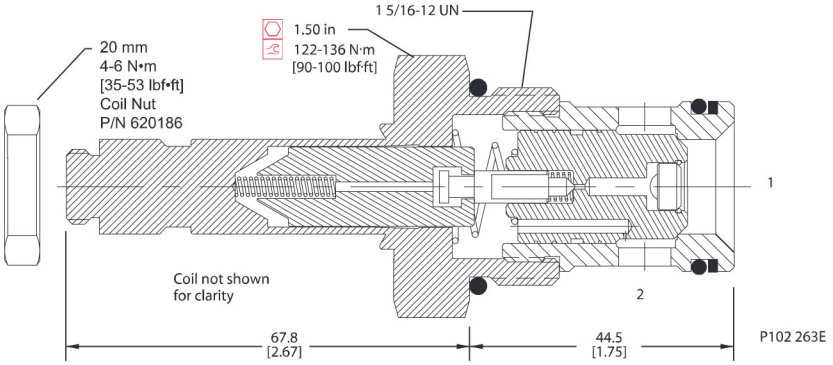
Schematic



DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP502 - 3 - B - 16S - 24D - S

Seals
B = Buna-N
V = Viton

Seal kit
120019
120020

Housing and ports
0 = No Housing
DG6B = AL, 3/4 BSP
DG8B = AL, 1 BSP
12S = AL, #12 SAE
16S = AL, #16 SAE
Other housings available

Housing P/N
No Housing
SDC16-2-DG-6B
SDC16-2-DG-8B
CP16-2-12S
CP16-2-16S

Voltage
000 = No coil
12D = 12 VDC
24D = 24 VDC

Termination
0 = No connector
S = Spade
L = Lead
H = DIN 43650
DE = Deutsch
M2 = Metri-Pak 150 Type 1