



Directional Control Valves Technical Information

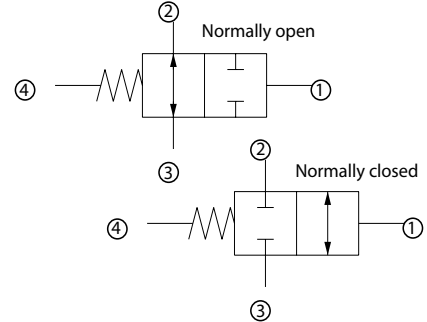
2-Position, 2-Way

CP712-8

OPERATION

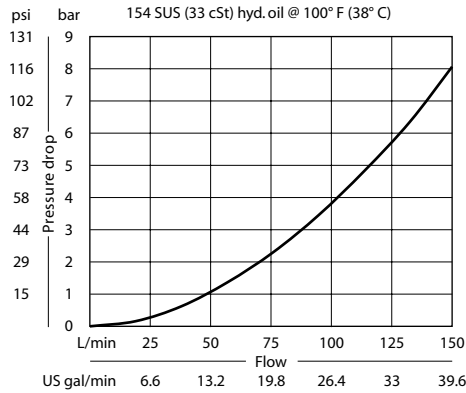
This valve is a 2-way double hydraulically piloted spool.

Schematic



SPECIFICATIONS

Theoretical performance



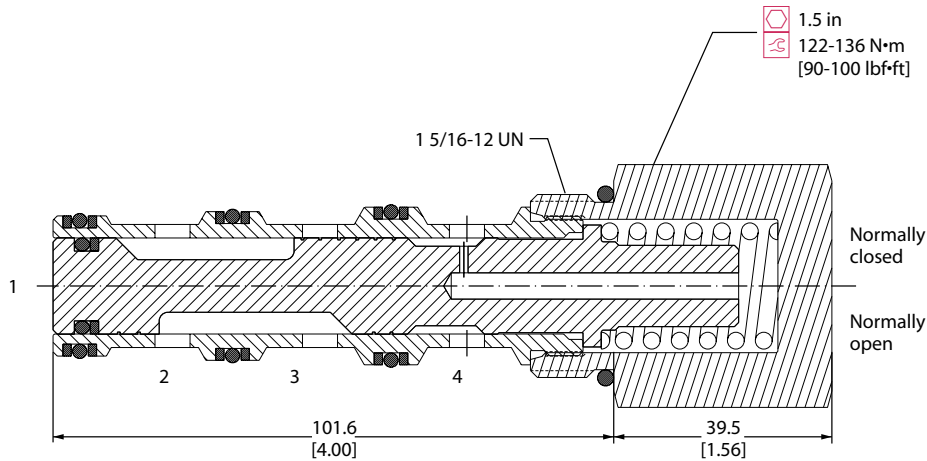
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	130 l/min [34 US gal/min]
Weight	0.61 kg [1.34 lb]
Cavity	CP16-4

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP712 - 8 - B - 16S - C - 080 - S1

Seals	Seal kit	Spool seal
B = Buna-N	120025	S3 = No seal
V = Viton	120026	S4 = Seal included
Housing and ports	Housing P/N	Shift pressure
0 = No Housing	No Housing	040 = 2.8 bar [40 psi]
6B = AL, 3/4 BSP	CP16-4-6B	080 = 5.5 bar [80 psi]
8B = AL, 1 BSP	CP16-4-8B	150 = 10.3 bar [150 psi]
12S = AL, #12 SAE	CP16-4-12S	shift pressure assumes no seals
16S = AL, #16 SAE	CP16-4-16S	
Other housings available		Configuration
		O = Normally open
		C = Normally closed