



Directional Control Valves Technical Information

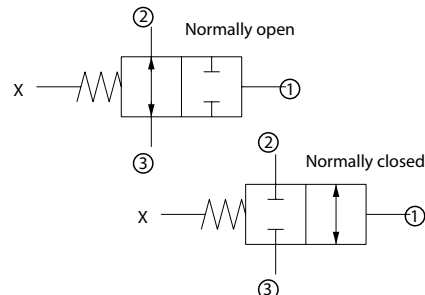
2-Position, 2-Way, External Pilot

CP710-2

OPERATION

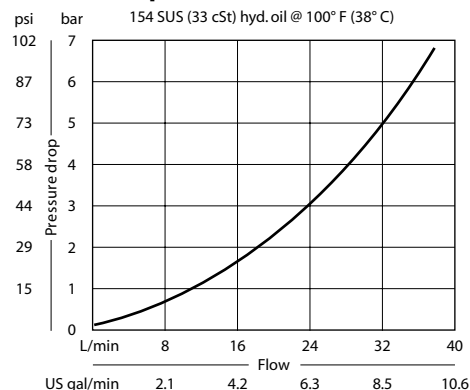
This valve is a 2-way double hydraulically piloted spool.

Schematic



SPECIFICATIONS

Theoretical performance



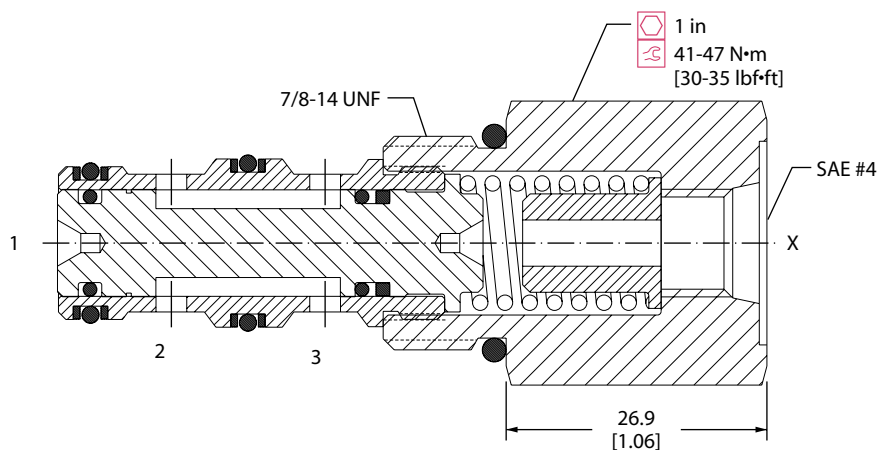
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	40 l/min [11 US gal/min]
Weight	0.13 kg [0.29 lb]
Cavity	SDC10-3

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP710 - 2 - B - 16S - C - 080 - S1			
Seals	Seal kit	Shift pressure	Spool seals
B = Buna-N	120009	040 = 2.8 [40]	S1 = Seal at top of spool
V = Viton	120010	050 = 3.4 [50]	S2 = Seal at top and bottom of spool
Housing and ports	Housing P/N	080 = 5.5 [80]	S3 = No seals
0 = No Housing	No Housing	125 = 8.6 [125]	S4 = Seal at bottom of spool
SE3B = AL, 3/8 BSP	SDC10-3-SE-3B	150 = 10.3 [150]	
SE4B = AL, 1/2 BSP	SDC10-3-SE-4B		
6S = AL, #6 SAE	CP10-3-6S		
8S = AL, #8 SAE	CP10-3-8S		
Other housings available			
Configuration			
O = Normally open			
C = Normally closed			