



Directional Control Valves Technical Information

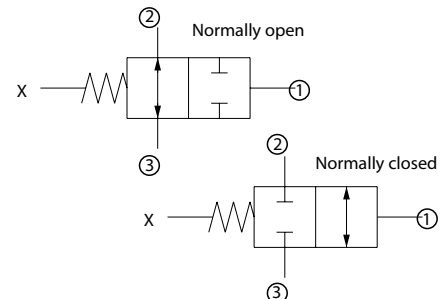
2-Position, 2-Way, External Pilot

CP713-2

OPERATION

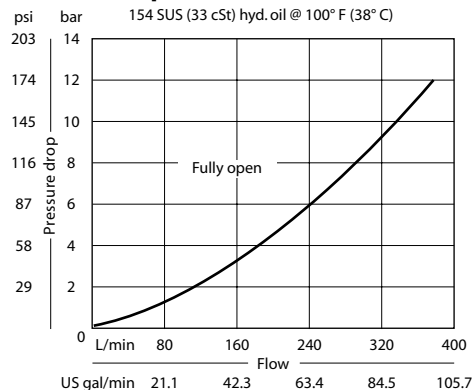
This valve is a 2-way double hydraulically piloted spool.

Schematic



SPECIFICATIONS

Theoretical performance



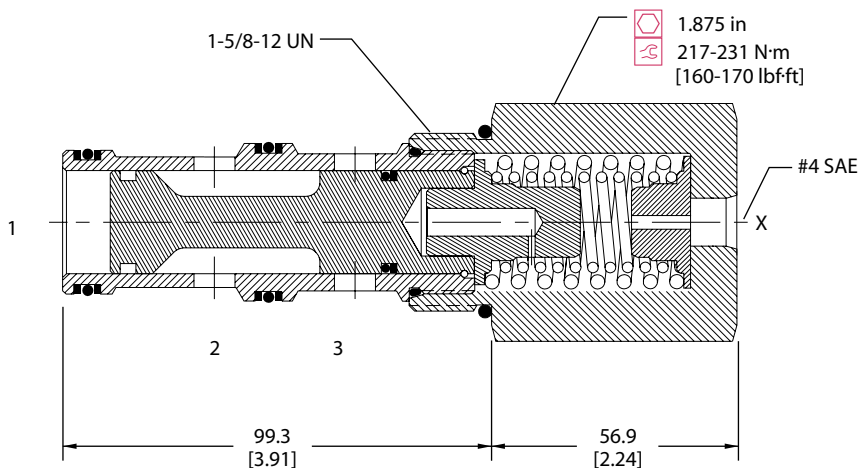
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	265 l/min [70 US gal/min]
Weight	1.26 kg [2.78 lb]
Cavity	SDC20-3

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP713 - 2 - B - 20S - C - 150 - S1			
Seals	Seal kit	Spool seals	
B = Buna-N	120200	S1 = Seal at top of spool	
V = Viton	120201	S2 = Seals at top and bottom of spool	
		S3 = No seals	
		S4 = Seal at bottom of spool	
Housing and ports	Housing P/N	Shift pressure	
0 = No Housing	No Housing		
8B = AL, 1 BSP	CP20-3-8B	050 = 3.5 bar [50]	
10B = AL, 1-1/4 BSP	CP20-3-10B	080 = 5.5 bar [80]	
16S = AL, #16 SAE	CP20-3-16S	100 = 6.9 bar [100]	
20S = AL, #20 SAE	CP20-3-20S	130 = 9.0 bar [130]	
Other housings available		150 = 10.3 bar [150]	
Configuration		shift pressure assumes no seals	
0 = Normally open			
C = Normally closed			