



Directional Control Valves Technical Information

Directional Manual, Rotary, 2-Position, 2-Way

CP620-1

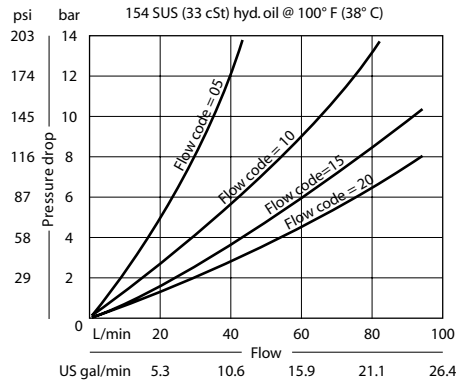
OPERATION

This valve is a non-compensated, adjustable flow control.

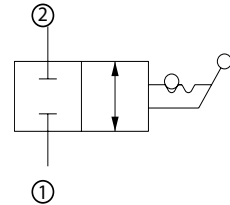
Refer to application notes for installation details.

SPECIFICATIONS

Theoretical performance



Schematic



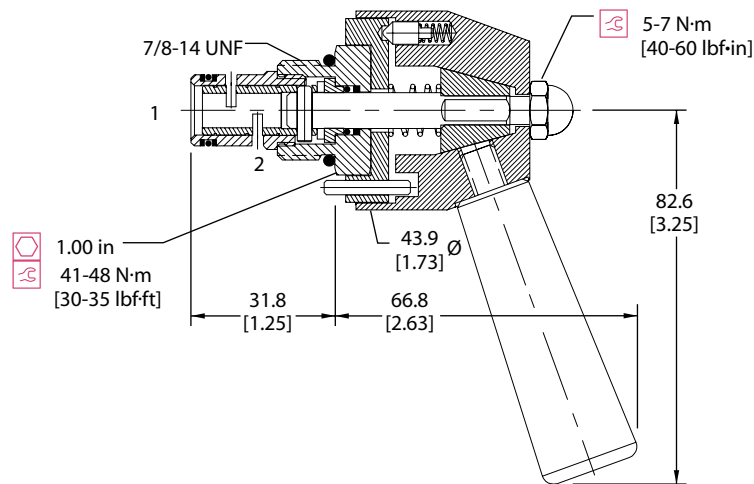
Specifications

Rated pressure	210 bar [3000 psi]
Rated flow at 7 bar [100 psi]	75 l/min [20 US gal/min]
Leakage	82 cm ³ /min [5 in ³ /min] @ Rated pressure
Weight	0.31 kg [0.69 lb]
Cavity	SDC10-2

DIMENSIONS

mm [in]

Cross-sectional view



ORDERING INFORMATION

CP620 - 1 - B - 8S - 20 - 2 - DR			
Seals	Seal kit	Rotation to close	Detent
B - Buna-N	120073	R - Clockwise	D = Detent with handle
V - Viton	120074	L - Counterclockwise	K = Knob (not shown)
Housing and ports	Housing P/N		knob is not detented
0 = No Housing	No Housing		
DG3B = AL, 3/8 BSP	SDC10-2-DG-3B	Position	
DG4B = AL, 1/2 BSP	SDC10-2-DG-4B	2 - 2 Position detent	
6S = AL, #6 SAE	CP10-2-6S	3 - 3 Position detent	
8S = AL, #8 SAE	CP10-2-8S	10 - 10 Position detent	
Other housings available			
	Flow		
	05 = 19 l/min [5 US gpm]		
	10 = 38 l/min [10 US gpm]		
	15 = 57 l/min [15 US gpm]		
	20 = 77 l/min [20 US gpm]		