



Flow Control Valves Technical Information

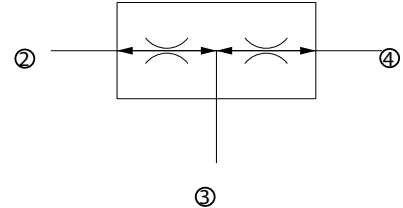
Flow Divider/Combiner

CP343-1

OPERATION

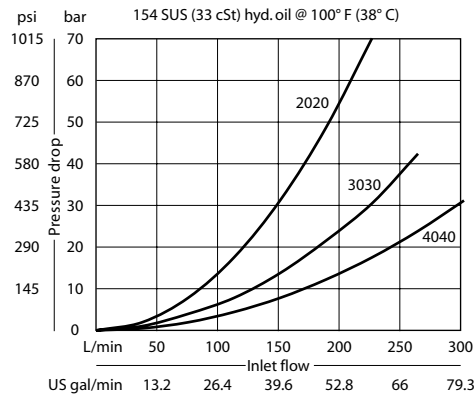
This valve is a fixed ratio, pressure compensated flow divider/combiner.

Schematic



SPECIFICATIONS

Theoretical performance

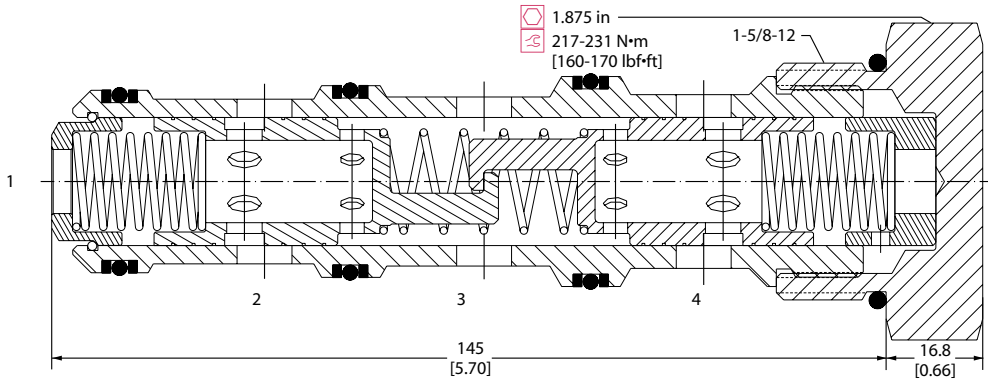


Specifications

Rated pressure	210 bar [3000 psi]
Rated flow	340 l/min
[See Performance Chart]	[90 US gal/min]
Weight	1.13 kg [2.50 lb]
Cavity	SDC20-4

DIMENSIONS

Cross-sectional view



ORDERING INFORMATION

CP343-1-B-16S-454S

Housing and ports		Housing P/N	Flow settings	Flow ratio	Total flow
Code			Port 2:Port 4		
0	= No Housing	No Housing	2020	1:1	151 L/min [40 gpm]
8B	= Al, 1 BSP	SDC20-4-8B-X1	2525	1:1	189 L/min [50 gpm]
10B	= Al, 1-1/4 BSP	SDC20-4-10B-X1	3030	1:1	227 L/min [60 gpm]
16S	= Al, #16 SAE	SDC20-4-16S-X1	3535	1:1	265 L/min [70 gpm]
20S	= Al, #20 SAE	SDC20-4-20S-X1	4020	2:1	227 L/min [60 gpm]
Other housings available			4040	1:1	303 L/min [80 gpm]
			4530	3:2	284 L/min [75 gpm]
			4545	1:1	341 L/min [90 gpm]
Seals		Seal kit			
B	= Buna-N	120181			
V	= Viton	120182			