



Flow Control Valves Technical Information

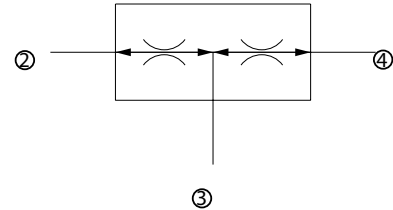
Flow Divider/Combiner

CP342-3

OPERATION

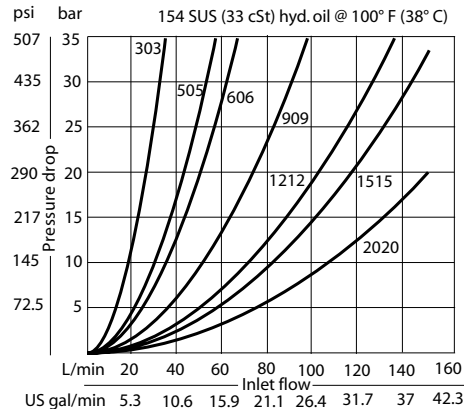
This valve is a fixed ratio, pressure compensated flow divider/combiner.

Schematic



SPECIFICATIONS

Theoretical performance

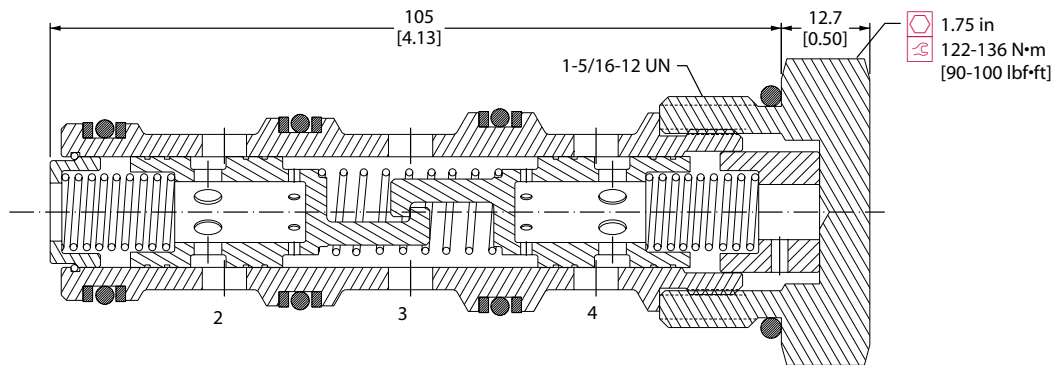


Specifications

Rated pressure	450 bar [6500 psi]
Rated flow	150 l/min
[See Performance Chart]	[40 US gal/min]
Weight	0.37 kg [0.81 lb]
Cavity	CP16-4

DIMENSIONS

Cross-sectional view



ORDERING INFORMATION

		CP342-3-U-16S-0505	Flow settings		
Seals			Code	Flow ratio	Total flow
U = Urethane	Seal kit		0303	1:1	23 L/min [6 gpm]
	120677		0505	1:1	38 L/min [10 gpm]
			0606	1:1	45 L/min [12 gpm]
			0909	1:1	68 L/min [18 gpm]
			1212	1:1	91 L/min [24 gpm]
			1515	1:1	114 L/min [30 gpm]
			2020	1:1	151 L/min [40 gpm]
Housing and ports			1220	3:5	121 L/min [32 gpm]
0 = No Housing		Housing P/N	1215	4:5	102 L/min [27 gpm]
S6B = Steel, 3/4 BSP		CP16-4-S6B-X1	1520	3:4	132 L/min [35 gpm]
S8B = Steel, 1 BSP		CP16-4-S8B-X1	2012	5:3	121 L/min [32 gpm]
S12S = Steel, #12 SAE		CP16-4-S12S-X1	1512	5:4	102 L/min [27 gpm]
S16S = Steel, #16 SAE		CP16-4-S16S-X1	2015	4:3	132 L/min [35 gpm]
Other housings available			1020	1:2	114 L/min [30 gpm]