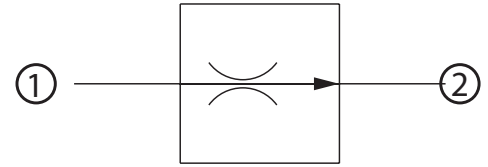


OPERATION

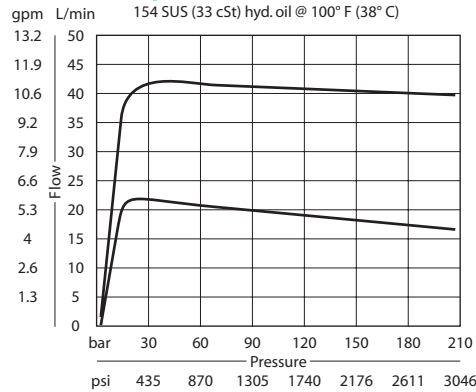
This valve is a fixed pressure compensated flow control valve.

Schematic



SPECIFICATIONS

Theoretical performance



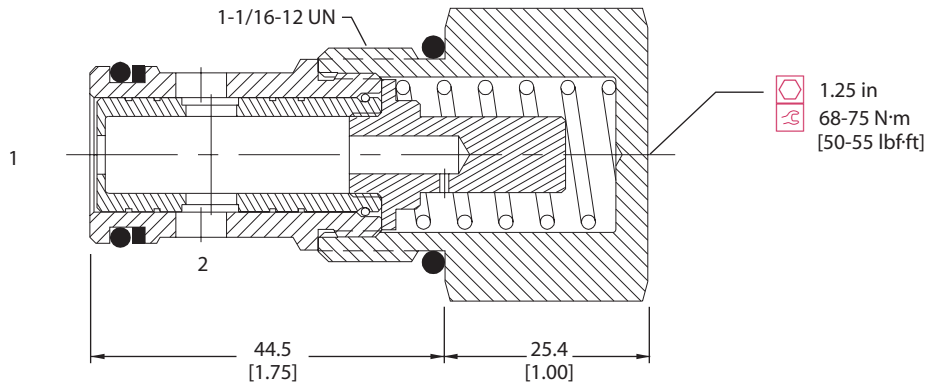
Specifications

Rated pressure	210 bar [3000 psi]
Max regulated flow	57 l/min [15 US gal/min]
Weight	0.24 kg [0.52 lb]
Accuracy ± 15%	1.9-7.5 l/min [0.5-2 US gal/min]
± 10%	7.6-56.8 l/min [2-15 US gal/min]
Cavity	CP12-2

DIMENSIONS

mm in

Cross-sectional view



ORDERING INFORMATION

CP301 - 1 - B - 12S - 10.0

Seals	Seal kit	Regulated Flow
B = Buna-N V = Viton	120017 120018	
Housing and ports	Housing P/N	L/min [US gal/min]
0 = No Housing 4B = Al, 1/2 BSP 6B = Al, 3/4 BSP 10S = Al, #10 SAE 12S = Al, #12 SAE Other housings available	No Housing CP12-2-4B CP12-2-6B CP12-2-10S CP12-2-12S	0.5 = 1.9 [0.5] to 15.0 = 56.8 [15.0]