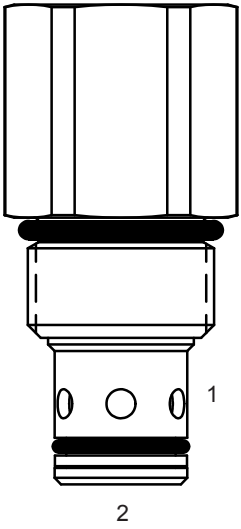


DE-CVF VELOCITY FUSE



DESCRIPTION

10 size, 7/8-14 thread, "Delta" series, velocity fuse valve.

OPERATION

The DE-CVF allows flow to pass from (1) to (2). When velocity exceeds the flow setting the valve shifts and blocks flow from (1) to (2). Valve acts like a fixed orifice when passing flow from (2) to (1).

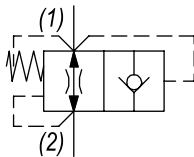
FEATURES

- Hardened parts for long life.
- Industry common cavity.



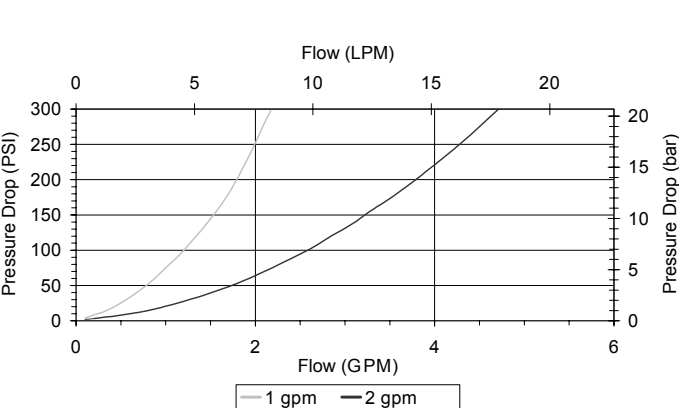
Curves identify pressure drop in port (2) to (1) direction (non-fuse). Fuse pressure drop is similar at fuse flow, until fuse takes effect (~75-100 PSID).

HYDRAULIC SYMBOL



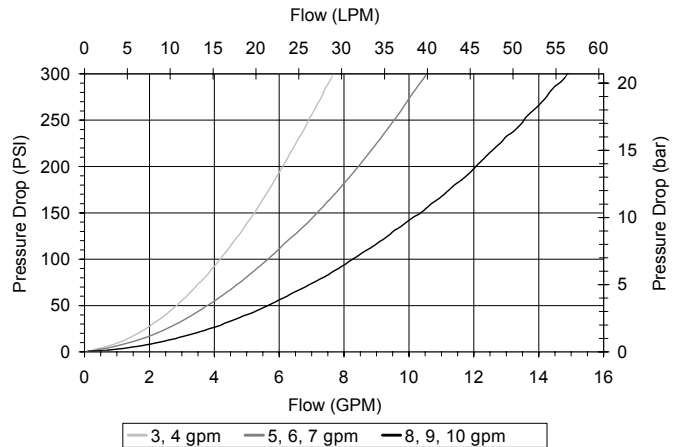
PERFORMANCE

Actual Test Data (Cartridge Only)



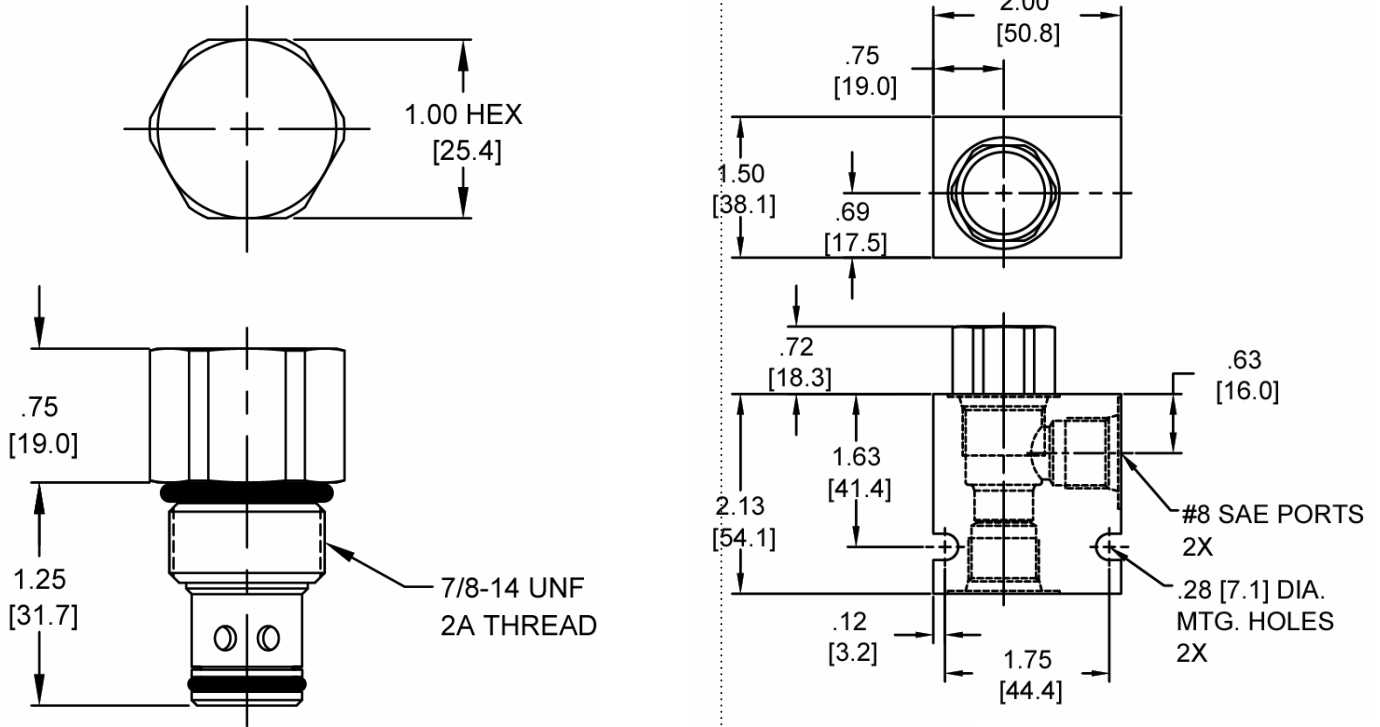
VALVE SPECIFICATIONS

Nominal Flow	10 GPM (38 LPM)
Rated Operating Pressure	3500 PSI (241 bar)
Viscosity Range	36 to 3000 SSU (3 to 647 cSt)
Filtration	ISO 18/16/13
Media Operating Temp. Range	-40° to 250°F (-40° to 120°C)
Weight	.25 lbs (.11 kg)
Operating Fluid Media	General Purpose Hydraulic Fluid
Cartridge Torque Requirements	30 ft-lbs (40.6 Nm)
Cavity	DELTA 2W
Cavity Form Tool (Finishing)	40500000
Seal Kit	21191200



WARNING: the specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

DIMENSIONS



Body Weight: .47 lbs (.21 kg)

ORDERING INFORMATION

DE-CVF	-	-	-	-
	OPTIONS			BODIES
	Buna Standard	00		Blank
	Viton Standard	V0		N 3/8" NPTF Ports
				S #8 SAE Ports
			FLOW SETTING	
			01.0	1 GPM
			02.0	2 GPM
			03.0	3 GPM
			04.0	4 GPM
			05.0	5 GPM
			06.0	6 GPM
			07.0	7 GPM
			08.0	8 GPM
			09.0	9 GPM
			10.0	10 GPM
				± 15%

W:51 / 12-2022

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