

Single ball shuttle valve with signal external

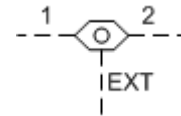
Capacity:
2.5 gpm (10 L/min.)

Functional Group:
Products : Cartridges : Shuttle Valve : 2 Port : Single Ball, Signal External

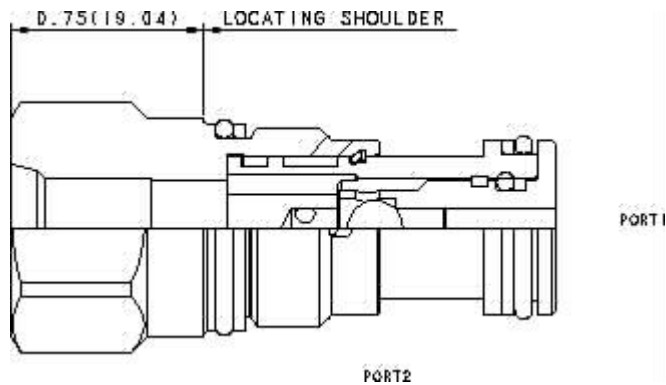
Model:
CSAA-EXN

Product Description

The single ball shuttle connects the higher of two work ports to the signal or common port. The signal is sensed at an external port located in the hex-end of the cartridge.



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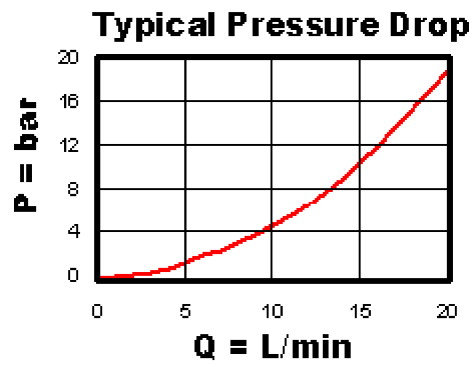
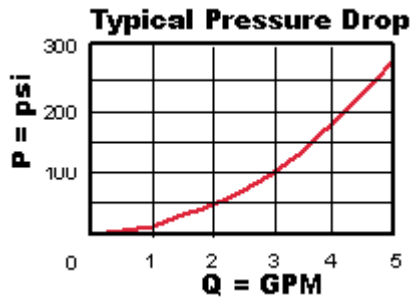


Technical Features

- Shuttle cartridges feature hardened steel balls and seats for excellent wear characteristics and contamination tolerance.
- The single ball allows for the decay of the pressure signal when both load ports drop to a lower pressure.
- Incorporates the Sun floating style construction to minimize the possibility of internal parts binding due to excessive installation torque and/or cavity/cartridge machining variations.

Technical Data

	U.S. Units	Metric Units
Model Weight	0.22 lb.	0.10 kg.
Cavity	T-13A	
Capacity	2.5 gpm	10 L/min.
Maximum Operating Pressure	5000 psi	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.	0,4 cc/min.
Series (from Cavity)	Series 1	
Valve Hex Size	7/8 in.	22,2 mm
Valve Installation Torque	30 - 35 lbf ft	45 - 50 Nm
Seal Kits	Buna: 990-010-007	
Seal Kits	Viton: 990-010-006	



CSAA-EXN

Control

Adjustment Range

External Material/Seal
Material

E External 4-SAE Port +0.00

X - +0.00

N Buna-N +0.00