

Back-to-back check/shuttle valve with signal external

Functional Group:

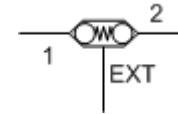
Products : Cartridges : Shuttle Valve : 2 Port : Back-to-Back Check, Signal External

Capacity:
2.5 gpm (10 L/min.)

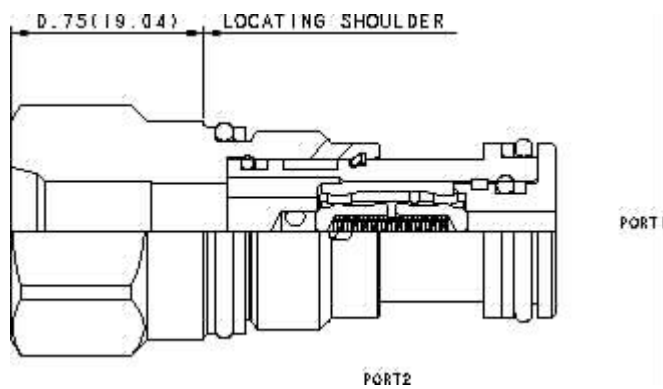
Model:
CDAA-EBN

Product Description

The back-to-back check valve combines two simple check valves into a single cartridge. It 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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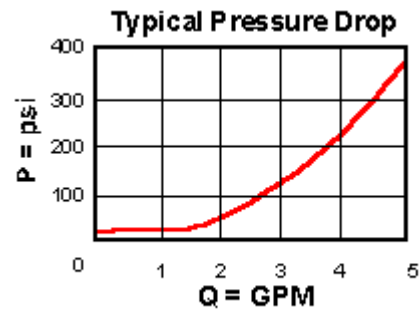
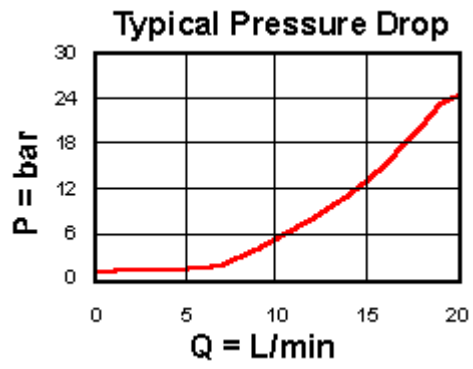


Technical Features

- Back-to-back check cartridges feature hardened, spherically lapped, guided poppets and a lightly stressed helical spring that result in excellent wear characteristics and extremely low leakage rates.
- The back-to-back checks do not provide a means of lowering a signal. They will trap a high signal if the load pressures drop to a lower pressure. Some means of bleeding off the signal should be provided.
- 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	



CDAA-EBN

Control

Cracking Pressure

External Material/Seal
Material

E External 4-SAE Port +0.00

B 15 psi (1 bar) +0.00

N Buna-N +0.00