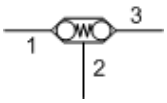
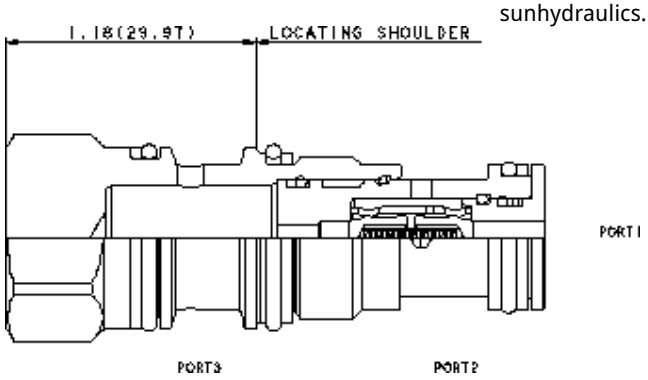
MODEL
CDAD

Back-to-back check/shuttle valve with signal at port 2
SERIES 1 / CAPACITY: 2.5 gpm / CAVITY: T-11A

sunhydraulics.com/model/CDAD





CONFIGURATION

X	Control	Not Adjustable
B	Cracking Pressure	15 psi (1 bar)
N	Seal Material	Buna-N
(none)	Material/Coating	

The back-to-back check valve combines two simple check valves into a single cartridge. It connects the work port with the higher pressure to the signal or common port. The signal is sensed at port 2.

TECHNICAL DATA

NOTE: DATA MAY VARY BY CONFIGURATION. SEE CONFIGURATION SECTION.

Cavity	T-11A
Series	1
Capacity	2.5 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	5 drops/min.
Valve Hex Size	7/8 in.
Valve Installation Torque	30 - 35 lbf ft
Seal kit - Cartridge	Buna: 990011007
Seal kit - Cartridge	Polyurethane: 990011002
Seal kit - Cartridge	Viton: 990011006
Model Weight	0.25 lb.

CONFIGURATION OPTIONS

Model Code Example: CDADXBN

CONTROL (X)	CRACKING PRESSURE (B)	SEAL MATERIAL (N)	MATERIAL/COATING
X Not Adjustable	**B** 15 psi (1 bar)	**N** Buna-N	Standard Material/Coating
		V Viton	**/AP** Stainless Steel, Passivated

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.

PERFORMANCE CURVES

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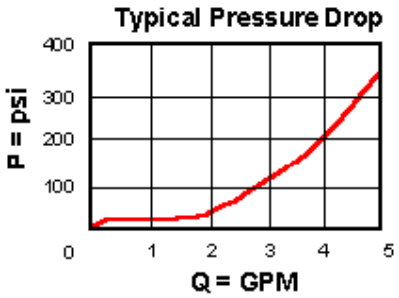

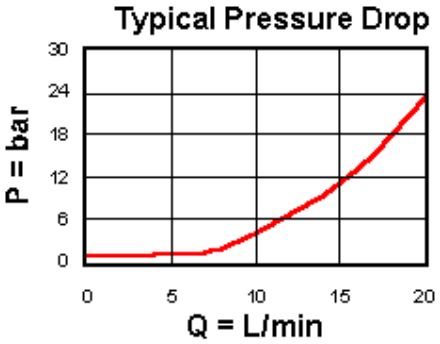

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