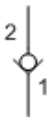
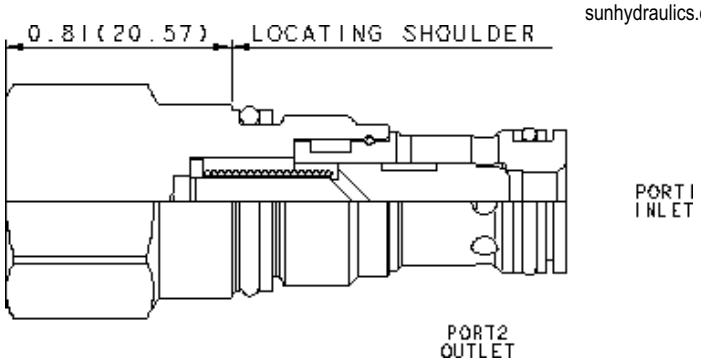
MODEL
CXBA

Free flow nose to side check valve
CAPACITY: 40 L/min. / CAVITY: T-162A

sunhydraulics.com/model/CXBA





CONFIGURATION

X	Control	Not Adjustable
A	Cracking Pressure	4 psi (0,3 bar)
N	Seal Material	Buna-N
/LH	Material/Coating	Mild Steel, Zinc-Nickel

Free-flow, nose-to-side check valves are on/off circuit components that allow free flow from the inlet (port 1) to the outlet (port 2) and block flow in the opposite direction.

TECHNICAL DATA

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

Cavity	T-162A
Series	0
Capacity	40 L/min.
Maximum Operating Pressure	350 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.
Valve Hex Size	19,1 mm
Valve Installation Torque	27 - 33 Nm
Seal kit - Cartridge	Buna: 990162007
Seal kit - Cartridge	EPDM: 990162014
Seal kit - Cartridge	Polyurethane: 990162002
Seal kit - Cartridge	Viton: 990162006
Model Weight	0.08 kg.

CONFIGURATION OPTIONS

Model Code Example: CXBAXAN/LH

CONTROL (X)	CRACKING PRESSURE (A)	SEAL MATERIAL (N)	MATERIAL/COATING (/LH)
X Not Adjustable	**A** 4 psi (0,3 bar)	**N** Buna-N	**/LH** Mild Steel, Zinc-Nickel
	C 30 psi (2 bar)	**E** EPDM	Standard Material/Coating
	B 15 psi (1 bar)	**V** Viton	**/AP** Stainless Steel, Passivated
	D 50 psi (3,5 bar)		
	E 75 psi (5 bar)		
	F 100 psi (7 bar)		

TECHNICAL FEATURES

- Two-port check valves share the same cavity for a given frame size, however, pay close attention as flow paths may be in opposite directions.
- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute (0,07 cc/min).
- Will accept 5000 psi (350 bar) at ports 1 and 2.
- Cartridges configured with EPDM seals are for use in systems with phosphate ester fluids. Exposure to petroleum based fluids, greases and lubricants will damage the seals.
- 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