



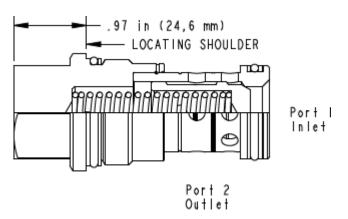
Free flow nose to side check valve

CAPACITY: 80 gpm / CAVITY: T-16A



sunhydraulics.com/model/CXHA





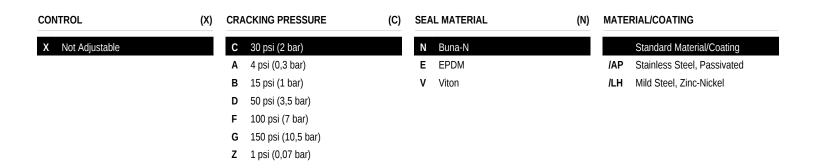
Free-flow, nose-to-side check valves are on/off circuit components that allow free flow from the inlet (port 1) to the outlet (port 2) and block flow in the opposite direction.

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

| Cavity | T-16A |
|---|---------------------------|
| Series | 3 |
| Capacity | 80 gpm |
| Maximum Operating Pressure | 5000 psi |
| Maximum Valve Leakage at 110 SUS (24 cSt) | 1 drops/min. |
| Valve Hex Size | 1 1/4 in. |
| Valve Installation Torque | 150 - 160 lbf ft |
| Model Weight | 0.95 lb. |
| Seal kit - Cartridge | Buna: 990-016-007 |
| Seal kit - Cartridge | EPDM: 990-016-014 |
| Seal kit - Cartridge | Polyurethane: 990-016-002 |
| Seal kit - Cartridge | Viton: 990-016-006 |

©2024 Sun Hydraulics 1 of 2

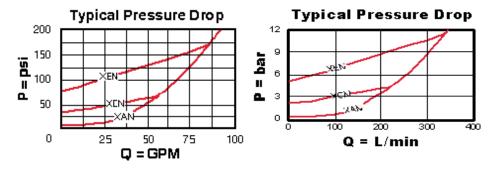
OPTION SELECTION EXAMPLE: CXHAXCN



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.
- Corrosion resistant cartridge valves are intended for use in corrosive environments and are identified by the model code suffix /AP or /LH (see CONFIGURATION section). For further details, please see the Materials of Construction page.
- 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



©2024 Sun Hydraulics 2 of 2