



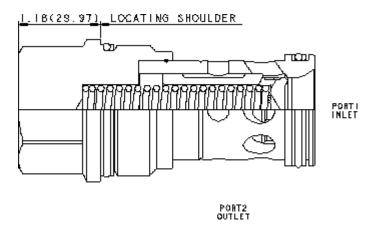
Free flow nose to side check valve

CAPACITY: 240 gpm / CAVITY: T-18AU



sunhydraulics.com/model/CXKA





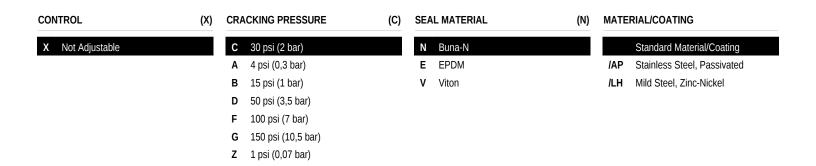
Free-flow, nose-to-side check valves are on/off circuit components that allow free flow from the inlet (port 1) to the outlet (port 2) and block flow in the opposite direction.

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

Cavity	T-18AU
Series	4
Capacity	240 gpm
Maximum Operating Pressure	5000 psi
Maximum Valve Leakage at 110 SUS (24 cSt)	1 drops/min.
Valve Hex Size	1 5/8 in.
Valve Installation Torque	350 - 375 lbf ft
Model Weight	2.03 lb.
Seal kit - Cartridge	Buna: 990-018-007
Seal kit - Cartridge	EPDM: 990-018-014
Seal kit - Cartridge	Viton: 990-018-006

©2024 Sun Hydraulics 1 of 2

## OPTION SELECTION EXAMPLE: CXKAXCN



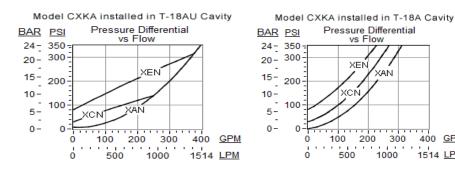
## **TECHNICAL FEATURES**

- These valves will work in Sun's standard T-18A cavity at lower capacity. To realize the full stated capacity, the T-18AU cavity should be used.
- 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.
- 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.
- 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.

400 GPM

1514 LPM

## PERFORMANCE CURVES



©2024 Sun Hydraulics 2 of 2