



Free flow nose to side check valve

SERIES 4 / CAPACITY: 610 L/min. / CAVITY: T-18A

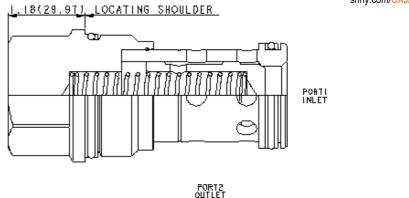


snhy.com/CXJA



### **CONFIGURATION**

X	Control	Not Adjustable		
Α	Cracking Pressure	4 psi (0,3 bar)		
N	Seal Material	Buna-N		
(none) Material/Coating		Standard Material/Coating		



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-18A			
Series	4			
Capacity	610 L/min.			
Maximum Operating Pressure	350 bar			
Maximum Valve Leakage at 110 SUS (24 cSt)	0,07 cc/min.			
Valve Hex Size	41,3 mm			
Valve Installation Torque	474 - 508 Nm			
Seal kit - Cartridge	Buna: 990018007			
Seal kit - Cartridge	EPDM: 990018014			
Seal kit - Cartridge	Polyurethane: 990018002			
Seal kit - Cartridge	Viton: 990018006			
Model Weight	0.93 kg.			

# **CONFIGURATION OPTIONS**

# Model Code Example: CXJAXAN

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

## **TECHNICAL FEATURES**

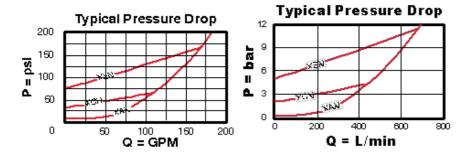
- Two-port check valves share the same cavity for a given frame size, however, pay close attention as flow paths may be in opposite directions.
- Check valves offer extremely low leakage rates with a maximum leakage of less than 1 drop per minute (0,07 cc/min).

**F** 100 psi (7 bar) **G** 150 psi (10,5 bar)

- 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

© 2019 Sun Hydraulics 1 of 2



© 2019 Sun Hydraulics 2 of 2