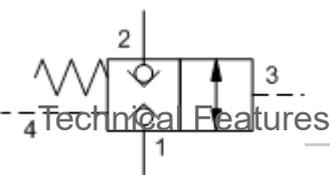
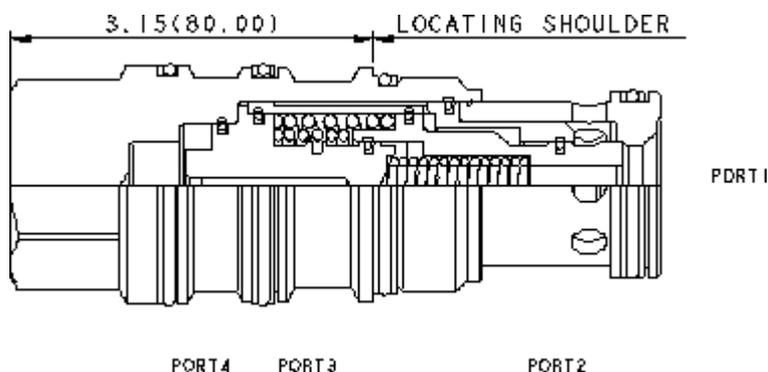


Model: DKJSXHN

Normally closed, balanced poppet, logic element - pilot-to-open

Capacity: 120 gpm/480 L/min. | **Cavity:** T-24A



This is a normally closed, balanced poppet, switching element. Pilot pressure at port 3 shifts the valve to the open position.

- Unique balanced construction provides predictable switching with 5000 psi (350 bar) at both ports 1 and 2, with the external drain open and a minimum pilot pressure of 300 psi (20 bar).
- Port 1 and port 2 are fully sealed from port 3 and port 4. Ports 3 and 4 are positively sealed.
- Any backpressure at the drain port is directly additive to the required pilot pressure for reliable operation.
- Leakage rate between port 1 and port 2 is very low, typically less than 10 drops/min. at 5000 psi (0,7 cc/min at 350 bar).
- Valve will reseal when the pilot pressure falls below 145 psi (10 bar).
- These valves are hydraulically balanced between port 1 and port 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.
- All ports will accept 5000 psi (350 bar).
- 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.

Technical Data

Note: Data may vary by configuration. See CONFIGURATION section.

Cavity

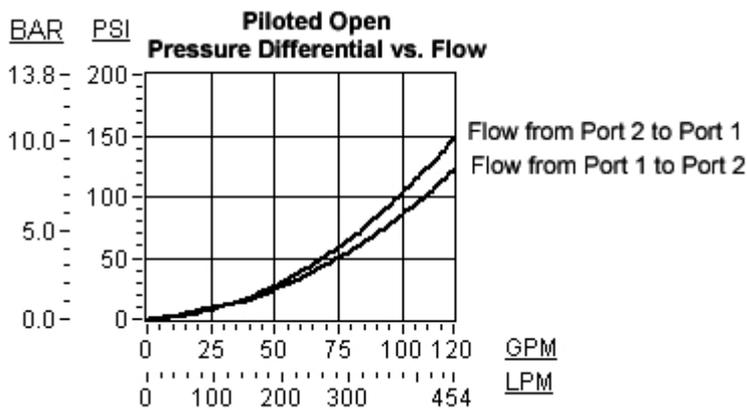
[T-24A](#)

es

[4](#)

Capacity	120 gpm/480 L/min.
Maximum Operating Pressure	5000 psi/350 bar
Minimum Pilot Pressure Required to Shift Valve	300 psi/20 bar
Maximum Valve Leakage at 110 SUS (24 cSt)	10 drops/min. @5000 psi/0,7 cc/min. @350 bar
Pilot Volume Displacement	.17 in ³ /2,8 cc
Valve Hex Size	1 5/8 in./41,3 mm
Valve Installation Torque	350 - 375 lbf ft/474 - 508 Nm
Seal kit - Cartridge	Buna: 990024007
Seal kit - Cartridge	EPDM: 990024014
Seal kit - Cartridge	Polyurethane: 990024002
Seal kit - Cartridge	Viton: 990024006
Model Weight	3.33 lb./1.51 kg.

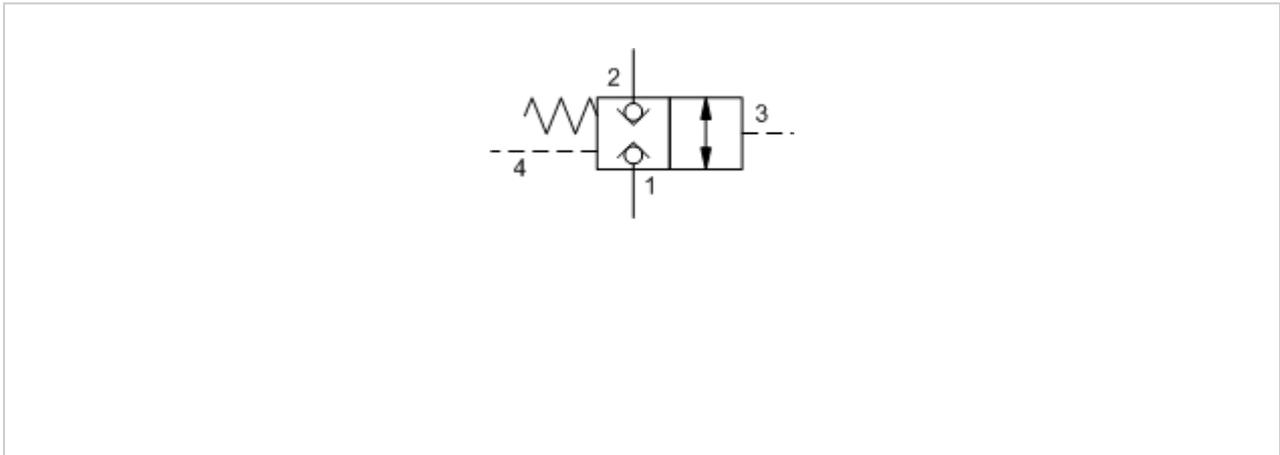
Performance Curves



Related Accessories

- [U43](#) ISO 07: Blocking valves on A and B
- [U44](#) ISO 10: On A and B
- [U5C](#) ISO 08: On A and B

MODEL
DKJSXHN



CONFIGURATION RULES

CONTROL

Standar

MINIMUM PILOT PRESSURE

H 300 psi

SEAL MATERIAL

N Buna-N

MATERIAL/COATING

(None)
 Standard

If the modifier is /AP, the control must be X
If the modifier is /LH, the control must be X
If the seal is E, the control must be X

