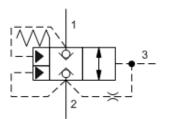


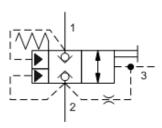


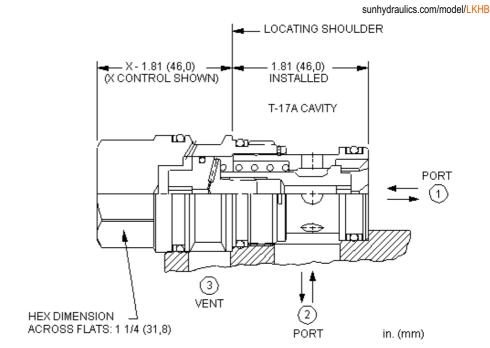
Block port 3 to open, spring-biased closed, unbalanced poppet logic element with pilot source from port 2

SERIES 3 / CAPACITY: 240 L/min. / CAVITY: T-17A









These unbalanced poppet, logic valves are 2-way switching elements that are spring-biased closed and have port 2 as a pilot source. With port 3 blocked, the valve will open provided there is sufficient pressure at port 2. With port 3 vented, the valve will close. The force generated at port 3 must be greater than the sum of the forces acting at port 1 and port 2 plus the spring force for the valve to open. NOTE: The pilot area (port 3) is 1.8 times the area at port 1 and 2.25 times the area at port 2.

TECHNICAL DATA

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

Maximum Operating Pressure	350 bar	
Pilot Volume Displacement	2,5 cc	
Area Ratio, A3 to A1	1.8:1	
Area Ratio, A3 to A2	2.25:1	
Control Orifice Diameter	0,53 mm	
Seal kit - Cartridge	Buna: 990017007	
Seal kit - Cartridge	Polyurethane: 990017002	
Seal kit - Cartridge	Viton: 990017006	

CONFIGURATION OPTIONS

Model Code Example: LKHBXDN

 CONTROL
 (X)
 MINIMUM PILOT PRESSURE
 (D)
 SEAL MATERIAL
 (N)

 X
 Not Adjustable
 D 50 psi (3,5 bar)
 N Buna-N

 V
 V Viton

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