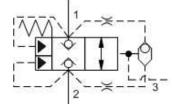
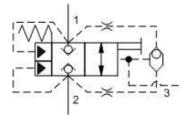
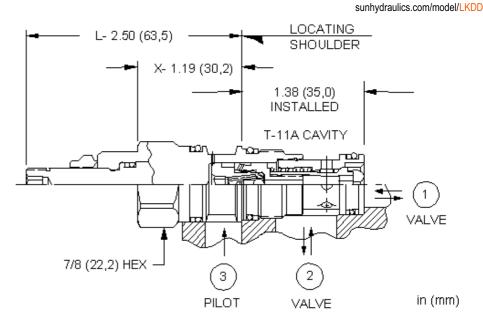
sun hydraulics H









These unbalanced poppet, logic valves are 2-way switching elements that are spring-biased closed and incorporate an integral shuttle so that the higher pressure at either port 1 or port 2 can be used as a pilot source. With port 3 blocked, the valve will open provided there is sufficient pressure to overcome the spring force. 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	0,33 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: 990011007	Buna: 990011007	
Seal kit - Cartridge	Polyurethane: 990011002	Polyurethane: 990011002	
Seal kit - Cartridge	Viton: 990011006	Viton: 990011006	

CONFIGURATION OPTIONS

Model Code Example: LKDDXDN

CONTROL	(X)	MINIMUM PILOT PRESSURE	(D)	SEAL MATERIAL	(N)
X Not Adjustable		D 50 psi (3,5 bar)		N Buna-N	
				V Viton	