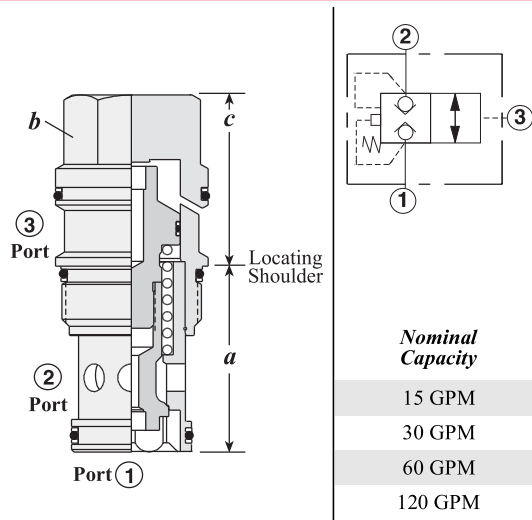
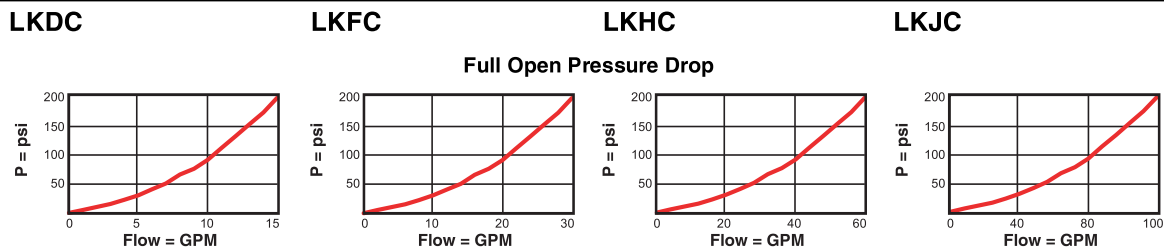


UNBALANCED POPPET, PILOT-TO-OPEN SWITCHING ELEMENT



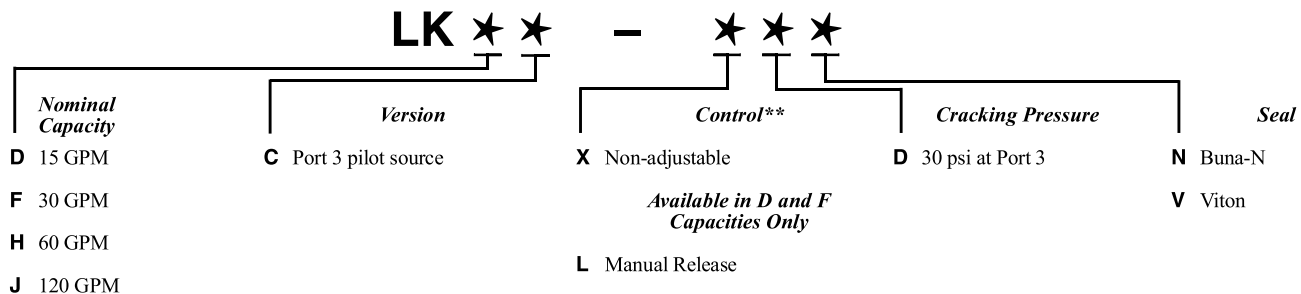
Nominal Capacity	Typical Cartridge Model Code	Cavity	Cartridge Dimensions			Installation Torque (lb. ft.)
			a	b	c	
15 GPM	LKDC - XDN	T - 11A	1.38	7/8"	1.19	30/35
30 GPM	LKFC - XDN	T - 2A	1.38	1 1/8"	1.38	45/50
60 GPM	LKHC - XDN	T - 17A	1.81	1 1/4"	1.81	150/160
120 GPM	LKJC - XDN	T - 19A	2.50	1 5/8"	2.31	350/375

Performance Curves



- Maximum operating pressure = 5000 psi
- Area ratio: A3 to A1 = 1.8:1
- Area ratio: A3 to A2 = 2.25:1
- Control orifice diameter = LKDC: .031 in., LKFC: .035 in., LKHC: .062 in., LKJC: .094 in.
- Pilot volume for complete shift = LKDC: .02 in³/min., LKFC: .06 in³/min., LKHC: .15 in³/min., LKJC: .30 in³/min.
- These valves are pressure responsive at all three ports, therefore it is essential to consider all aspects of system operation through a complete cycle. Pressure changes at any one port may cause a valve to switch from a closed to an open position, or vice versa. All possible pressure changes in the complete circuit must be considered to assure a safe, functional system design.

OPTION ORDERING INFORMATION



** See page 162 for information on Control Options

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