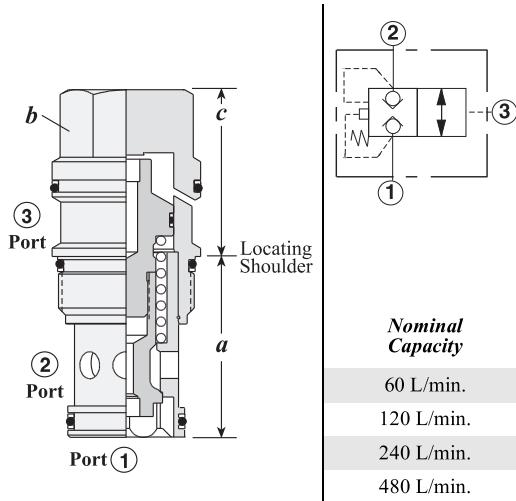


Logic Elements

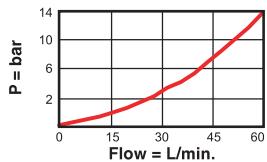
UNBALANCED POPPET, PILOT-TO-OPEN SWITCHING ELEMENT



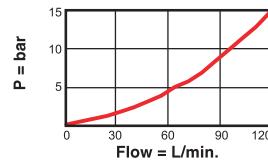
Nominal Capacity	Typical Cartridge Model Code	Cavity	Cartridge Dimensions			Installation Torque (Nm)
			a	b	c	
60 L/min.	LKDC - XDN	T - 11A	34,9	22,2	28	40/50
120 L/min.	LKFC - XDN	T - 2A	34,9	28,6	35	60/70
240 L/min.	LKHC - XDN	T - 17A	46	31,8	46	200/215
480 L/min.	LKJC - XDN	T - 19A	63,5	41,3	59	465/500

Performance Curves

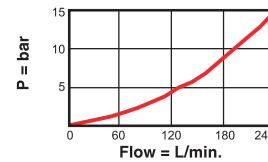
LKDC



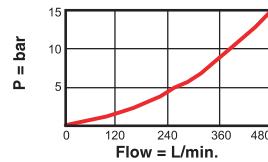
LKFC



LKHC



LKJC



- Maximum operating pressure = 350 bar
- Area ratio: A3 to A1 = 1.8:1
- Area ratio: A3 to A2 = 2.25:1
- Control orifice diameter = LKDC: 0,8 mm, LKFC: 0,9 mm, LKHC: 1,6 mm, LKJC: 2,4 mm
- Pilot volume for complete shift = LKDC: 0,33 c.c., LKFC: 1,0 c.c., LKHC: 2,5 c.c., LKJC: 4,9 c.c.
- 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 Model Codes printed in Red are Preferred Versions and most readily available

LK ★★ - ★★★

Nominal Capacity	Version	Control**	Cracking Pressure	Seal
D 60 L/min.	C Port 3 pilot source	X Non-adjustable	D 3,5 bar at Port 3	N Buna-N
F 120 L/min.		<i>Available in D and F Capacities Only</i>		
H 240 L/min.		<i>L Manual Release</i>		
J 480 L/min.				V Viton

** See page 162 for information
on Control Options

Visit www.sunhydraulics.com for detailed and complete technical information on our full line of products.

