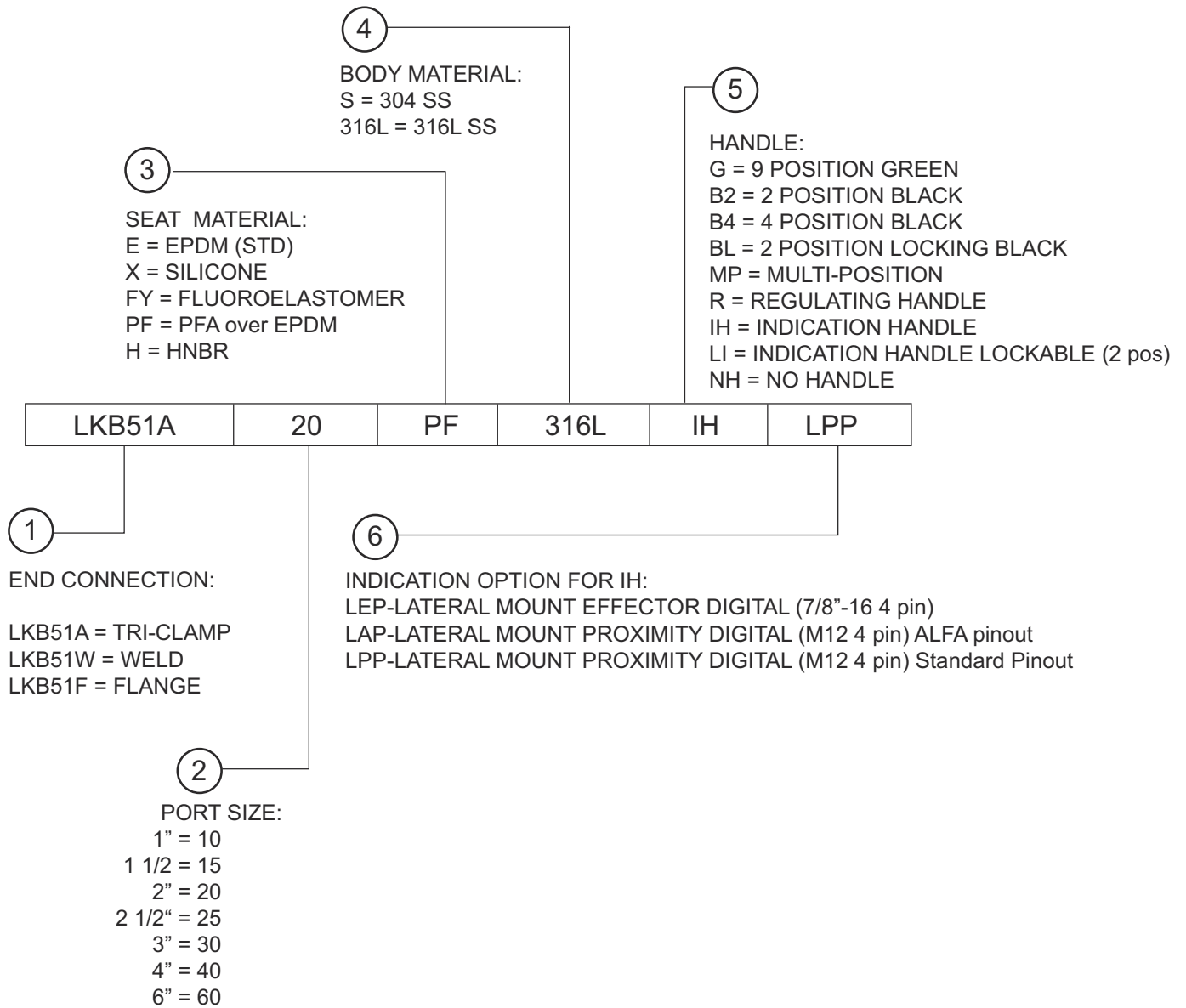




Alfa Laval LKB Butterfly Valve

Product description

LKB Series Manual



LKB Series Pneumatic

CHART #8	SET-UP
GREEN TOP NO SOLENOID NORMAL OPEN VALVE CLOSES NORMALLY CLOSED VALVE OPENS WHEN SOLENOID IS DE-ENERGISED WHEN SOLENOID IS ENERGISED AIR to AIR	1 2 5 7
INDY TOP 5M CORD PNP/NPN 10M CORD PNP/NPN 0.5M CABLE & COUNTER PART - NPN 0.5M CABLE & COUNTER PART - PNP	N 1 2 3

3 PORT SIZE:
1" = 10
1 1/2" = 15
2" = 20
2 1/2" = 25
3" = 30
4" = 40
6" = 60

5 BODY MATERIAL:
S = 304 SS
316L = 316L SS

7 SET-UP NUMBER:
w/GREEN TOP / INDY TOP
DEFINE THE SET-UP CONFIGURATION.
*SEE CHART 8 ABOVE

LKB53A 6000T 20 FY 316L 04 I

1 END CONNECTION:
LKB53A = TRI-CLAMP
LKB53W = WELD
LKB53F = FLANGE

4 SEAT MATERIAL:
E = EPDM (STD)
X = SILICONE
FY = FLUOROELASTOMER
PF = PFA over EPDM
H = HNBR

2 ACTUATOR TYPE:
SERIES LKB53A w/o CONTROL TOP
AIR-to-SPRING
1" - 2 1/2" 6200 (NO) 6000 (NC) 85mm
3" 6300 (NO) 6100 (NC) 85mm
4" 6800 (NO) 6700 (NC) 85mm
4" 7400 (NO) 7300 (NC) 133mm
6" 6600 (NO) 7500 (NC) 85mm
6" 7000 (NO) 7200 (NC) 133mm
AIR-to-AIR
1" - 2 1/2" 6400 (85mm)
3" 6500 (85mm)
4" 6900 (85mm)
4" 7700 (133mm)
6" 7800 (85mm)
6" 7100 (133mm)

6 CONTROL TOP:
5A*-V50 DIGITAL 24VDC PNP 0 SOL
5B*-V50 DIGITAL 24VDC PNP 1 SOL
5E*-V50 ASI 31 NODE (ver 2.1) 30VDC, 0 SOL
5F*-V50 ASI 31 NODE (ver 2.1) 30VDC, 1 SOL
5Q*-V50 ASI 62 NODE (ver 3.0) 30VDC, 0 SOL
5R*-V50 ASI 62 NODE (ver 3.0) 30VDC, 1 SOL
5MP-V50 I/O Link 0 SOL M12 4 PIN
5NP-V50 I/O Link 1 SOL M12 4 PIN
7C*-V70 DIGITAL 24VDC PNP 2 SOL
7U*-V70 DIGITAL 24VDC PNP (1) 5/2 SOL
7G*-V70 ASI 31 NODE (ver 2.1) 30VDC, 2 SOL
7S*-V70 ASI 62 NODE (ver 3.0) 30VDC, 2 SOL
7V*-V70 ASI 62 NODE (ver 3.0) 30VDC, (1) 5/2 SOL
7MP-V70 I/O Link 0 SOL M12 4 PIN
7NP-V70 I/O Link 1 SOL M12 4 PIN
7OP-V70 I/O Link 2 SOL M12 4 PIN
7XP-V70 I/O Link (1) 5/2 SOL M12 4 PIN
BEI - T - TOP BASIC INTRINSICALLY SAFE 10-30VDC, 0 SOL
BFI - T - TOP BASIC INTRINSICALLY SAFE 10-30VDC, 1 SOL
BGI - T - TOP BASIC INTRINSICALLY SAFE 10-30VDC, 2 SOL
IT* - INDITOP DIGITAL 0 SOLENOID
DBN-D30- DIGITAL 0 SOLENIOD
P2P-8692 POSITIONER Multi-pole Analog Feedback
P3P-8694 POSITIONER I/O Link M12-5 Pin
P4P-8694 POSITIONER Multi-pole Analog Feedback M12-5 Pin
04-GREEN TOP 2 MECH SWITCHES 0 SOLENOID
12-GREEN TOP 2 PROX SWITCHES 0 SOLENOID
18-GREEN TOP 24 VDC 2 MECH SWITCHES 1 SOLENOID
20-GREEN TOP 110 VAC 2 MECH SWITCHES 1 SOLENOID
34-GREEN TOP 24 VDC 2 MECH SWITCHES 1 SOLENOID
36-GREEN TOP 110 VAC 2 MECH SWITCHES 1 SOLENOID
37-GREEN TOP 24 VDC NO SWITCHES 1 SOLENOID
LEP-LATERAL MOUNT EFFECTOR (7/8"-16 4 pin)
LAP-LATERAL MOUNT PROXIMITY (M12 4 pin) ALFA Pinout
LPP-LATERAL MOUNT PROXIMITY (M12 4 pin) Standard Pinout
NNN-NO TOP

SERIES LKB53A w/GREEN CONTROL TOP(T) w/THINK TOP (TKT)
AIR-to-SPRING
1" - 2 1/2" 6200 (T) (TKT) (NO) 6000 (T) (TKT) (NC) 85mm
3" 6300 (T) (TKT) (NO) 6100 (T) (TKT) (NC) 85mm
4" 6800 (T) (TKT) (NO) 6700 (T) (TKT) (NC) 85mm
4" 7400 (T) (TKT) (NO) 7300 (T) (TKT) (NC) 133mm
6" 7600 (T) (TKT) (NO) 7500 (T) (TKT) (NC) 85mm
6" 7000 (T) (TKT) (NO) 7200 (T) (TKT) (NC) 133mm
AIR-to-AIR
1" - 2 1/2" 6400 (T) (TKT) (NC) 85mm
3" 6500 (T) (TKT) (NC) 85mm
4" 6900 (T) (TKT) (NC) 85mm
4" 7700 (T) (TKT) (NC) 133mm
6" 7800 (T) (TKT) (NC) 85mm
6" 7100 (T) (TKT) (NC) 133mm

SEE CONTROL TOP NOTE *

* LAST DIGIT OF T-TOP CODE SELECT BELOW
N = CABLEGLAND
P = PIGTAIL or M12 ADDED TO THINKTOP for CONNECTIVITY

NOTES:
A/A * 1 SOL TOPS REQUIRE 5/2 SOL
POSITIONERS ARE TO BE USED ON 85mm ACTUATOR ONLY

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