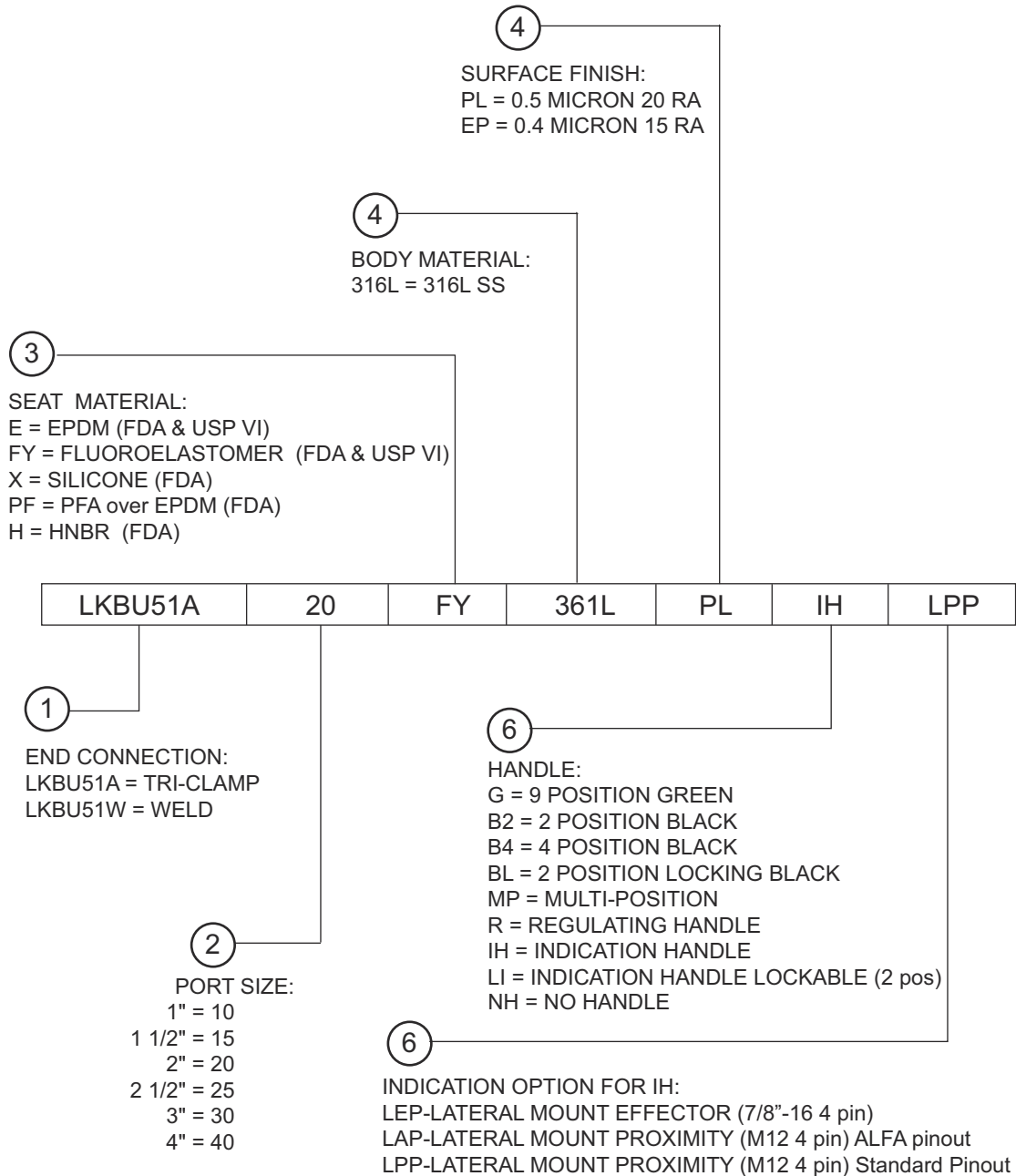




Alfa Laval LKB UltraPure

Product description

LKB UltraPure Series Manual



LKB UltraPure Series Pneumatic

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SURFACE FINISH:
 PL = 0.5 MICRON 20 RA
 EP = 0.4 MICRON 15 RA

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BODY MATERIAL:
 316L = 316L SS

3

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

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

8

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

LKBU53A	6000T	20	FY	316L	PL	04	I
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1

END CONNECTION:
 LKBU53A = TRI-CLAMP
 LKBU53W = WELD

2

ACTUATOR TYPE:
 SERIES LKB53A w/o CONTROL TOP
 AIR-to-SPRING

1" - 2 1/2"	6200 (NO)	6000 (NC)
3"	6300 (NO)	6100 (NC)
4"	6800 (NO)	6700 (NC)

AIR-to-AIR

1" - 2 1/2"	6400
3"	6500
4"	6900

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)
3"	6300 (T) (TKT) (NO)	6100 (T) (TKT) (NC)
4"	6800 (T) (TKT) (NO)	6700 (T) (TKT) (NC)

AIR-to-AIR

1" - 2 1/2"	6400 (T) (TKT)	— SEE CONTROL TOP NOTE *
3"	6500 (T) (TKT)	
4"	6900 (T) (TKT)	

4

SEAT MATERIAL:
 E = EPDM (FDA & USP VI)
 FY = FLUOROELASTOMER (FDA & USP VI)
 X = SILICONE (FDA)
 PF = PFA over EPDM (FDA)
 H = HNBR (FDA)

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SWITCHES 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 SWITCHES1 SOLENOID
- 36-GREEN TOP 110 VAC 2 MECH SWITCHES 1 SOLENOID
- 37-GREEN TOP 24 VDC NO SWITVHES 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

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

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