

LKB SERIES BUTTERFLY VALVE (PNEUMATIC) PART NUMBER ORDERING GUIDE

1

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

2

ACTUATOR TYPE:

SERIES LKB53A W/O CONTROL TOP			SERIES LKB53A W/GREEN CONTROL TOP			SERIES LKB53A W/THINKTOP		
AIR-TO-SPRING			AIR-TO-SPRING			AIR-TO-SPRING		
1"-2½"	6200 (NO)	6000(NC)	1"-2½"	6200T (NO)	6000T (NC)	1"-2½"	6200TKT (NO)	6000TKT (NC)
3"	6300 (NO)	6100 (NC)	3"	6300T (NO)	6100T (NC)	3"	6300TKT (NO)	6100TKT (NC)
4"	6800 (NO)	6700 (NC)	4"	6800T (NO)	6700T (NC)	4"	6800TKT (NO)	6700TKT (NC)
6"	7000 (NO)	7200 (NC)	6"	7000T (NO)	7200T (NC)	6"	7000TKT (NO)	7200TKT (NC)
AIR-TO-AIR			AIR-TO-AIR			AIR-TO-AIR		
1"-2½"	6400		1"-2½"	6400T*		1"-2½"	6400TKT*	
3"	6500		3"	6500T*		3"	6500TKT*	
4"	6900		4"	6900T*		4"	6900TKT*	
6"	7100		6"	7100T*		6"	7100TKT*	

3

PORT SIZE:
1-6"
25.4MM-147MM

4

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

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

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CONTROL TOP:
5AN = V50 DIGITAL 24VDC PNP 0 SOL
5BN = V50 DIGITAL 24VDC PNP 1 SOL
5EN = V50 ASI 31 NODE (VER 2.1) 30VDC, 0 SOL
5FN = V50 ASI 31 NODE (VER 2.1) 30VDC, 1 SOL
5QN = V50 ASI 62 NODE (VER 3.0) 30VDC, 0 SOL
5RN = V50 ASI 62 NODE (VER 3.0) 30VDC, 1 SOL
5MN = V50 I/O LINK 0 SOL M12 4 PIN
5NN = V50 I/O LINK 1 SOL M12 4 PIN
7CN = V70 DIGITAL 24VDC PNP 2 SOL
7UN = V70 DIGITAL 24VDC PNP (1) 5/2 SOL*
7GN = V70 ASI 31 NODE (VER 2.1) 30VDC, 2 SOL
7SN = V70 ASI 62 NODE (VER 3.0) 30VDC, 2 SOL
7VN = V70 ASI 62 NODE (VER 3.0) 30VDC, (1) 5/2 SOL*
7MN = V70 I/O LINK 0 SOL M12 4 PIN
7NN = V70 I/O LINK 1 SOL M12 4 PIN
7ON = V70 I/O LINK 2 SOL M12 4 PIN
7XN = V70 I/O LINK (1) 5/2 SOL* M12 4 PIN
BEN = THINKTOP BASIC INTRINSICALLY SAFE 10-30VDC, 0 SOL
BFN = THINKTOP BASIC INTRINSICALLY SAFE 10-30VDC, 1 SOL
BGN = THINKTOP BASIC INTRINSICALLY SAFE 10-30VDC, 2 SOL
ITN = INDITOP DIGITAL 0 SOLENOID 5M CORD PNP/NPN "STD"
IT1 = INDITOP DIGITAL 0 SOLENOID 10M CORD PNP/NPN
IT2 = INDITOP DIGITAL 0 SOLENOID 0.5M CABLE & COUNTER PART - NPN
IT3 = INDITOP DIGITAL 0 SOLENOID 0.5M CABLE & COUNTER PART - PNP
DBN = D30 DIGITAL 24VDC, 1 SOLENOID
P2P = 8692 POSITIONER ANALOG FEEDBACK M12 8 PIN, 4 PIN
P3P = 8694 POSITIONER I/O LINK M12-5 PIN
P4P = 8694 POSITIONER ANALOG FEEDBACK M12 8 PIN, 4 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 PROX SWITCHES 1 SOLENOID
36 = GREEN TOP 110 VAC 2 PROX SWITCHES 1 SOLENOID
LE = LATERAL MOUNT EFFECTOR (7/8" - 16 4 PIN)
LA = LATERAL MOUNT PROXIMITY (M12 4 PIN) ALFA PINOUT
LP = LATERAL MOUNT PROXIMITY (M12 4 PIN) STANDARD PINOUT
LM = LATERAL MOUNT MICRO-SWITCH
NT = NO TOP

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SET-UP NUMBER:
W/GREEN TOP
1 = NO SOLENOID+
2 = NORMALLY OPEN (NO) VALVE CLOSING OR NORMALLY CLOSED (NC) VALVE OPENS WHEN SOLENOID IS DE-ENERGIZED
5 = NORMALLY OPEN (NO) VALVE CLOSING OR NORMALLY CLOSED (NC) VALVE OPENS WHEN SOLENOID IS ENERGIZED
7 = AIR-TO-AIR

LAST DIGIT OF THINKTOP CODE:
N = CABLEGLAND
P = PIGTAIL OR M12 ADDED TO THINKTOP FOR CONNECTIVITY

LKB53A - 6000T - 2 - E - S - 04 - 1

*AIR-TO-AIR 1 SOL TOPS REQUIRE 5/2 SOL
NOTE: POSITIONERS ARE TO BE USED ON NC Ø85MM ACTUATOR ONLY | 7000, 7100 & 7200 ACTUATORS ARE Ø133MM



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LKB53A	-	6000T	-	2	-	E	-	S	-	04	-	1
↑		↑		↑		↑		↑		↑		↑
END CONNECTION		ACTUATOR TYPE		PORT SIZE		SEAT MATERIAL		BODY MATERIAL		CONTROL TOP		SET-UP NUMBER