



U VIEW



No.	PART NAME	QTY	MATERIAL
1	BOTTOM PLATE	1	DUCTILE IRON
2	BOLT	4	304 STAINLESS STEEL
3	WASHER	4	304 STAINLESS STEEL
4	BEARING	1	NYLON
5	COVER O-RING	1	BUNA-N/EPDM
6	RETAINING RING	2	416 STAINLESS STEEL
7	LOWER STEM BUSHING	2	PTFE
8	LOWER STEM O-RING	1	BUNA-N/EPDM
9	BODY	1	DUCTILE IRON
10	LOWER STEM	1	420 STAINLESS STEEL
11	DISC	1	DUCTILE IRON/ ASTM A351 GRADE CF8M
12	PIN	3	416 STAINLESS STEEL
13	UPPER STEM	1	420 STAINLESS STEEL
14	SEAT	1	BUNA-N/EPDM
15	LOWER BUSHING	1	PTFE
16	UPPER BUSHING	2	PTFE
17	UPPER STEM O-RING	1	BUNA-N/EPDM
18	KEY	2	CARBON STEEL

MOUNTING PAD CONFORMS TO ISO 5211.

FLANGES CONFORM TO ANSI B16.47 SERIES A.

TORQUES ARE FOR 150 PSID.

Size	A	B	C	ØD0	P.C.D.	N X ØD	4 X M	α°	ØD3	ØD4	ØD5	E	F	G	H	K	L	Ød0	8 X Ød1	b°	TORQUE (IN*LBS)	Cv
30"	21.46	26.77	6.57	38.74	36.00	24 X 1.38	4 x 1-1/4"	6.43	11.81	10.00	7.89	2.48	1.30	0.24	2.60	18mm	2.81	2.49	8 X 0.71	22.5	50,006	59,875
32"	22.24	27.56	7.40	41.73	38.50	24 X 1.62	4 x 1-1/2"	6.43	11.81	10.00	7.89	2.48	1.30	0.24	2.60	18mm	2.81	2.49	8 X 0.71	22.5	58,415	68,250
36"	24.41	29.92	7.99	45.98	42.75	28 X 1.62	4 x 1-1/2"	5.62	11.81	10.00	7.89	3.94	1.34	0.24	4.65	20mm	3.31	2.95	8 X 0.71	22.5	62,840	86,375
40"	27.76	32.28	8.50	50.75	47.25	32 X 1.62	4 x 1-1/2"	5.00	11.81	10.00	7.89	4.92	1.38	0.24	5.59	22mm	3.74	3.35	8 X 0.71	22.5	101,784	119,750
42"	29.80	33.78	9.88	52.99	49.50	32 X 1.62	4 x 1-1/2"	5.00	11.81	10.00	7.87	5.51	1.38	0.24	5.91	25mm	4.13	3.74	8 X 0.71	22.5	138,903	136,438
48"	31.89	36.38	10.87	59.49	56.00	40 X 1.62	4 x 1-1/2"	4.09	13.78	11.73	9.07	5.51	1.38	0.24	5.91	28mm	4.61	4.13	8 X 0.87	22.5	185,866	186,500



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VALVES, ACTUATORS, AND AUTOMATION CONTROLS

SHEET 1 of 1

DO NOT SCALE DRAWING

DESCRIPTION
30" - 48" RSBFV WITHOUT GEAR DIMENSIONAL DRAWING

MATERIAL

DRAWING NO.

P02351

REVISION

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