



Bosseal Valves

Unit[mm]		16"	216	385	648	571.5	469.9	4-1/4-RUN-2B deep 40	16-Ø35	55.6	650	405	398	130	600
TAG No	SIZE	L	Ød	ØD	ØC	ØG	n-e	N-E	t	A	B	L1	L2	W	

APPLICABLE STANDARDS & TECHNICAL NOTES:									
Design: API 609					Face to Face Dimension: API 609				
Inspection & Test: API 598					End Flanges Dimension: ASME B16.5				
41	WASHER	4	AISI 1065						
40	NUT	4	ASTM A194 2H						
39	WASHER	4	AISI 1065						
38	BOLT	4	ASTM A193 B7						
37	PIN	1	316LSS						
36	NAMEPLATE	1	304SS						
35	RIVET	2	304SS						
34	BOLT	4	ASTM A193 B7						
33	WASHER	2	AISI 1065						
32	NUT	2	ASTM A194 2H						
31	BOLT	2	ASTM A193 B7						
30	GLAND	1	ASTM A182 F304						
29	GLAND FLANGE	1	ASTM A105 A105N						
28	YOKE	1	AISI 1020						
27	GEAR BOX	1	PARTS						
26	KEY	2	ASTM A705 630						
25	PACKING	3	GRAPHITE						
24	PACKING	2	316+GRAPHITE						
23	SPACER RING	1	ASTM A182 F316L						
22	BEARING	2	ASTM A182 F316L-N2						
21	KEY	2	ASTM A705 630						
20	SCREW	1	ASTM A193 B8M						
19	RETAINING WASHER	1	316SS						
18	NUT	1	ASTM A194 8M						
17	ORIENTAL BLOCK	1	316SS						
16	PACKING	2	GRAPHITE						
15	THRUST WASHER	1	ASTM A182 F316L-HF						
14	ORIENTAL BLOCK	1	ASTM A182 F316L-HF						
13	CLIPPING RING	1	ASTM A182 F316L						
12	STEM WASHER	1	ASTM A182 F316L-HF						
11	WASHER	4	AISI 1065						
10	BOLT	4	ASTM A193 B7						
09	DOWN FLANGE	1	ASTM A105 A105N						
08	GASKET	1	GRAPHITE						
07	STEM	1	ASTM A705 630						
06	WASHER		ASTM A240 316L						
05	SCREW		ASTM A193 B8M CL2						
04	GLAND CIRCLE	1	ASTM A182 F316						
03	DISC	1	ASTM A351 CF8M						
02	SEAL RING	1	ASTM A240 UNS S31803+GRAPHITE						
01	BODY	1	ASTM A216 WCB/STL.21 OVERLAY						
NO.	PART NAME	QTY.	MATERIAL		REMARK				
Size	16"	Shell Test	7.6	MPa					
		Seat Test (Hyd.)	5.6	MPa					
Class	300	Seat Test (Air)	0.55±0.15	MPa	0	XXX	XXX	XXX	XXX
UserFig:	N/A		Rev.	Date	DRN	CHK	APRV	Mod.	
Type	BUTTERFLY VALVE				Bosseal Valve(Suzhou) Co., Ltd				
MFGR Fig.:	TOV3R-G-WCB-CF8M								