



No.	Name	Material	No.	Name	Material
24	Stem	A182 F6a	1	Right Body	ASTM A105N
25	"O"-Ring	Viton AED	2	Stud	A193 B7
26	Gasket	SS304+Graphite	3	Nut	A194 2H
27	"O"-Ring	Viton AED	4	Foot Stand	AISI A36
28	Thrust Washer	PTFE	5	Gasket	SS304+Graphite
29	Packing Box	ASTM A105+ENP	6	"O"-Ring	Viton AED
30	Bolt	A193 B7	7	Body	ASTM A105N
31	Packing	Graphite	8	Ball	ASTM A105+ENP
32	Bolt	A193 B7	9	Lower Cover	ASTM A105+ENP
33	Connection Plate	ASTM A105	10	"O"-Ring	Viton AED
34	Pin	1045	11	Stem Bearing	C.S+PTFE
35	Worm-Gear	Assemblies	12	Thrust Bearing	PTFE
36	Pin	1045	13	Gasket	SS304+Graphite
37	Sealant Valve	ASTM A105+Zn	14	Bolt	A193 B7
38	Lifting lug	AISI A36	15	Seat	Devlon
39	Stud	A193 B7	16	Seat Retainer	ASTM A105+ENP
40	Nut	A194 2H	17	Spring	INCONEL X-750
41	Anti-Static Device	SS304	18	Packing	Graphite
42	Release Valve	ASTM A105+Zn	19	"O"-Ring	Viton AED
43	Drain Valve	ASTM A105+Zn	20	Thrust Washer	PTFE
44	Sealant Valve	ASTM A105+Zn	21	"O"-Ring	Viton AED
45	Check Valve	ASTM A105+Zn	22	Stem Bearing	C.S+PTFE
			23	Thrust Bearing	PTFE

FIRE SAFE DESIGN



Before Fire Sealing



After Fire Sealing

Performance Specification

Pressure (Class)		600Lb	
Test Pressure	Strength Test	15.4	Mpa
	Seal Test	11.2	
	Air Seal Test	0.6	
Working Tempreature		-29~+120℃	
Medium Application		W.O.G	

NOTE: The manufacturer keep the right to upgrade the design for purpose of design optimization but do not change installation dimension and key materials.

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TITLE :- BALL VALVE GENERAL ASSEMBLY

SIZE		TYPE:	
CLASS	600LB	Trunnion, Full bore, BOLTED BONNET, RF	
VPO CODE :	DRAWING NUMBER :-	REV.	SHEET NO
--	/F-DR-	0	1 OF

Technical Requirements

- 1.Design & Manufacture conform to API 6D;
- 2.Temp. & Pressure conform to ANSI B16.34;
- 3.Face to Face Dimension conform to ASME B16.10;
- 4.Flanged Ends Dimension conform to ASME B16.5;
- 5.Inspection & Testing conform to API 598;
- 6.Fire-safe conform to API 607;

CUSTOMER:

PO NO:

			DRAWN	YE
			CHECKED	
			APPROVED	
			DATE	25/06/2
			INDICATES CRUCIAL FEATURE	
			UNLESS OTHERWISE SPECIFIED	
			1. ALL DIMENSIONS ARE IN MM	
			2. ALL PROJECTION ARE IN THIRD ANGLE	
			3. ALL SHARP EDGES ARE TO BE REMOVED	
			STAMP:	
REV.	DATE	A.L.T.NO	SIG	SCALE
				NTS

REV.	DATE	ALT. NO.	SIG.	SCALE	NTS	--	JF-DR-	0	1
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<i>DATE</i>	<i>SIGNATURE</i>
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