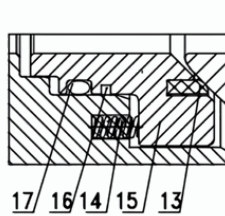
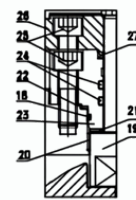


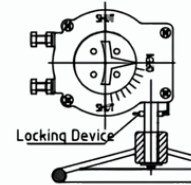
I SPE SEAT



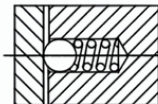
II 3:1



P VIEW



Anti-Static Device



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BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	NO.	PARTS NAME	MATERIAL
1	BODY STUD	ASTM A320 L7M+ZN	17	SEAT O-RING	VITON-GLT-AED
2	BODY NUT	ASTM A194 7M+ZN	18	O-RING	VITON-GLT-AED
3	BONNET	ASTM A350 LF2 CL.1	19	STEM	17-4PH
4	GASKET	GRAPHITE+316S.S.	20	BEARING	C.S.+PTFE
5	BODY O-RING+BACK UP	VITON-GLT-AED	21	WASHER	PTFE
6	BOLT	ASTM A320 L7M+ZN	22	GASKET	GRAPHITE
7	TRUNNION SHAFT	ASTM A350 LF2 CL.1	23	PACKING BOX	ASTM A350 LF2 CL.1
8	BODY	ASTM A350 LF2 CL.1	24	STEM O-RING+BACK UP	VITON-GLT-AED
9	BALL	ASTM A182 F51	25	BOLT	ASTM A320 L7M+ZN
10	DRAIN	SS316	26	TOP FLANGE	ASTM A350 LF2 CL.1
11	BEARING	CS+PTFE	27	GASKET	GRAPHITE
12	WASHER	PTFE	28	GEAR	ASSEMBLY
13	SEAT INSERT	PEEK	29	KEY	C.S.
14	SEAT SPRING	INCONEL X-750	30	ALIGNMENT PIN	C.S.
15	SEAT RING	ASTM A182 F316	31	ANTISTATIC DEVICE	S.S.316
16	SEAT FIRESAFE PACKING	CARBON FIBRE GRAPHITE	32	VENT	S.S.316

PERFORMANCE STANDARDS

NOMINAL CL (PN)	900LB		STANDARD
SHELL TEST PRESSURE	22.5 MPa	3265 Psi	API 598 with API 6D (Test duration)
SEAL TEST PRESSURE	16.5 MPa	2394 Psi	API 598
AIR TEST PRESSURE	0.6 MPa	87 Psi	API 598 & ASME B16.34
TEMPERATURE RANGE	-46 to +260 °C		-50 to 500 °F
SUITABLE MEDIUM	WATER/OIL/NATURAL GAS ETC		
FUGITIVE EMISSIONS(FE) TESTING	ISO 15848-2		
JET FUEL COMPLIANCE	Suitable for Jet Fuel service		

DESIGN STANDARDS

PRESSURE RATING	ANSI Class 900	VALVE TYPE	TRUNNION MOUNTED
DESIGN	API 6D	FIRESAFE	API 607
FACE TO FACE DIMENSION	ASME B16.10, API-6D	TEST & INSPECTION	API 6D
END CONNECTION	ASME B16.5-RF, SF 3.2-6.3Ra	MARKING	MSS SP-25
ISO MOUNT	5211 TOP FLANGE	NACE	MR 01-75 (Internal Wetted parts)
CERTIFICATION	EN10204, Type 3.1	MIN BODY WALL THICKNESS	ASME B16.34
PAINT	SA 2.1/2 BLASTING, EPOXY PRIMER + POLYURETHANE TOP COAT, DFT 150µm, RAL 7035		

DESCRIPTION
 50MM & 80MM CLASS 900# TRUNNION BALL VALVE, A350 LF2 CL.1 FORGED BODY, FULL PORT, 3-PIECE, DBB, SPE SEATS, F51 BALL, F316 SEAT RING, PEEK INSERT, 17-4 PH STEM, SINGLE PISTON EFFECT, VITON B AED SEALS, GRAPHITE GASKET, INCONEL X-750 SPRINGS, A320 L7M BOLTS (HDG), 316 SS VENT/DRAIN, LOCKABLE GEAR OPERATED, QSL-1

SIZE	A	B	C	D (MIN)	E	F	REF W	REF H	L	N-ØD	BREAK TORQUE NO SAFETY(NM)	PRODUCT CODE
2"-900LB	216	38.1	91.9	49	165.1	6.4	350	240	368	8-Ø25.4	160	BFT3L90XAKVRFNG6D050
3"-900LB	241	38.1	127	74	190.5	6.4	350	250	381	8-Ø25	350	BFT3L90XAKVRFNG6D080