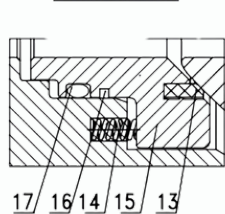
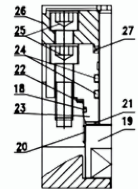


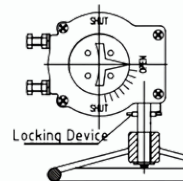
I SPE SEAT



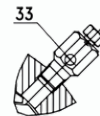
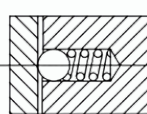
II 3:1



P VIEW



Anti-Static Device



BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	NO.	PARTS NAME	MATERIAL
1	BODY STUD	ASTM A320 L7M+ZN	18	O-RING	VITON-GLT-AED
2	BODY NUT	ASTM A194 7M+ZN	19	STEM	ASTM A182 F51
3	BONNET	ASTM A350 LF2 CL.1	20	BEARING	C.S.+PTFE
4	GASKET	GRAPHITE+316S.S.	21	WASHER	PTFE
5	BODY O-RING	VITON-GLT-AED	22	GASKET	GRAPHITE
6	BOLT	ASTM A320 L7M+ZN	23	PACKING BOX	ASTM A350 LF2 CL.1
7	TRUNNION SHAFT	ASTM A350 LF2 CL.1	24	STEM O-RING	VITON-GLT-AED
8	BODY	ASTM A350 LF2 CL.1	25	BOLT	ASTM A320 L7M+ZN
9	BALL	ASTM A182 F51	26	TOP FLANGE	ASTM A350 LF2 CL.1
10	DRAIN	SS316	27	GASKET	GRAPHITE
11	BEARING	C.S.+PTFE	28	GEAR BOX	ASSEMBLY
12	WASHER	PTFE	29	KEY	C.S
13	SEAT INSERT	PEEK	30	ALIGNMENT PIN	C.S
14	SEAT SPRING	INCONEL X-750	31	ANTISTATIC DEVICE	S.S.316
15	SEAT RING	ASTM A182 F51	32	VENT	S.S.316
16	SEAT FIRESAFE PACKING	CARBON FIBRE GRAPHITE	33		
17	SEAT O-RING	VITON-GLT-AED	34		

PERFORMANCE STANDARDS

NOMINAL CL (PN)	1500LB		STANDARD
SHELL TEST PRESSURE	37.5 MPa	5440 Psi	API 598 with API 6D (Test duration)
SEAL TEST PRESSURE	27.5 MPa	3999 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 1500	VALVE TYPE	TRUNNION MOUNTED
DESIGN	API 6D	FIRESAFE	API 607
FACE TO FACE DIMENSION	ASME B16.10	TEST & INSPECTION	API 6D
END CONNECTION	ASME B16.5-RTJ	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 CLASS 1500# TRUNNION BALL VALVE, A350 LF2 CL.1 FORGED BODY, FULL PORT, 3-PIECE, DBB, SPE SEATS, RTJ ENDS, 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, API 6D DESIGN & TEST, API 6FA/607 FIRESAFE, ISO 5211 MOUNTING, LOCKABLE GEAR OPERATED, NACE MR-01-75, QSL-1

SIZE	A	B	C	D (MIN)	E	F	REF W	REF H	L	N-ØF	FLANGE GROOVE	BREAK TORQUE NO SAFETY(NM)	PRODUCT CODE
2"-1500LB	216	38.1	124	49	165.1	7.92	350	240	371	8-Ø25.4	R24	290	BFT3L150XAKVJFNG6D050
3"-1500LB	267	47.8	168	74	203.2	7.92	450	250	473	8-Ø31.8	R35	450	BFT3L150XAKVJFNG6D080