



BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	REMARKS
1	BODY	ASTM A105N	
2	BALL	A182 F316	
3	GASKET	SS316+Graphite	
4	BOLT	A193 B7M+Zn	
5	NUT	A194 2HM+Zn	
6	BONNET	ASTM A105N	
7	GASKET	PTFE	
8	STEM	17-4PH	
9	PACKING	Graphite	
10	PACKING GLAND	A216 WCB	
11	SCREW	A193 B7M+Zn	
12	LIMITING BLOCK	1025+Zn	
13	SEAT	RPTFE	
14	O-RING	VITON AED	
15	HANDLE	A216 WCB	

PERFORMANCE STANDARDS

NOMINAL CL (PN)	150LB		STANDARD
SHELL TEST PRESSURE	3.0 MPa	435 Psi	API 598 with API 6D (Test duration)
SEAL TEST PRESSURE	2.2 MPa	320 Psi	API 598
AIR TEST PRESSURE	0.6 MPa	87 Psi	API 598 & ASME B16.34
TEMPERATURE RANGE	-29 to +200 °C		-20 TO 392 °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 150	VALVE TYPE	Floating Ball
DESIGN	API 6D	TEST & INSPECTION	API 6D
FACE TO FACE DIMENSION	B16.10, API-6D	FIRESAFE	API 607 (Latest Edition)
END CONNECTION	ASME B16.5-RF, SF 3.2-6.3Ra	MARKING	MSS SP-25
ISO MOUNT	5211	NACE	MR 01-75 (Internal Wetted parts)
CERTIFICATION	EN10204, Type 3.1		

PAINTING SPEC	<p>Surface Preparation: Sa 2.5</p> <p>1st COAT (Primer): Interzinc 52 @ 50µm</p> <p>2nd COAT (Intermediate): Intergard 475HS MIO @ 100µm</p> <p>3rd COAT (Build Coat): Intergard 475HS MIO @ 100µm</p> <p>TOP COAT (Finish): Interthane (Matt Finish)</p> <p>Total DFT: 300µm (Minimum)</p> <p>Final Color: RAL 9003 White (Matt Finish)</p>
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SIZE	DN	d	L	D	D1	D2	T	f	n-ød	ISO 5211	Torque Without Safety Factor/N.M	WEIGHT (KG)	PRODUCT CODE	NPS	A1	N-M
1"-150LB	25	25	127	110	79.4	50.8	9.6	2	4-16	F04	28	6	BF2F15SARVRFENI6D025	1	42	4-M5

DESCRIPTION
 25MM CLASS 150 FLOATING BALL VALVE, ASTM A105N BODY, FULL PORT, F316 BALL, 17-4 PH STEM, RPTFE SEATS, VITON AED O-RINGS (BODY & STEM), GRAPHITE PACKING, SS316+GRAPHITE/PTFE GASKETS, A216 WCB LOCKABLE HANDLE, ISO 5211 MOUNTING PAD, EN10204 3.1 CERTIFIED, JET FUEL SUITABLE.