



BILL OF MATERIALS

NO.	PARTS NAME	MATERIAL	REMARKS
1	BODY	A216 WCB	
2	BALL	A182 F316	
3	GASKET	SS316+Graphite	
4	BOLT	A193 B7M+Zn	
5	NUT	A194 2HM+Zn	
6	BONNET	A216 WCB	
7	GASKET	PTFE	
8	STEM	17-4PH	
9	PACKING	Graphite	
10	PACKING GLAND	WCB	
11	SCREW	A193 B7M+Zn	
12	ANTI STATIC SPRING	SS	
13	LIMITING BLOCK	1025+Zn	
14	SEAT	RPTFE	
15	O-RING	VITON AED	
16	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 low emission test - 5%		
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 598
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	Surface Preparation: Sa 2.5
	1 st COAT (Primer): Interzinc 52 @ 50µm
	2 nd COAT (Intermediate): Intergard 475HS MIO @ 100µm
	3 rd COAT (Build Coat): Intergard 475HS MIO @ 100µm
	TOP COAT (Finish): Interthane (Matt Finish)
	Total DFT: 300µm (Minimum)
	Final Color: RAL 9003 White (Matt Finish)

SIZE	DN	d	L	D	D1	D2	T	f	n-ød	H	W	ISO 5211	Torque Without Safety Factor/N.M	WEIGHT (KG)	PRODUCT CODE	NPS	A1	N-M	DESCRIPTION
6"-150LB	150	150	394	280	241.3	215.9	23.9	2	8-22	295	900	F10	380	75	BF2C15SARVRFNI6D150	6	102	4-M10	150MM & 200MM CLASS 150 FULL PORT BALL VALVE WITH ASTM A216 WCB BODY, 316 SS BALL, 17-4 PH STEM, RPTFE SEATS, AND VITON O-RING SEALS. FEATURES ISO 5211 MOUNTING PAD, LOCKABLE LEVER, FE PACKING, AND FIRE-SAFE DESIGN PER API 607. FACE-TO-FACE PER ANSI B16.10, RF FLANGES PER ANSI B16.5, LOW EMISSION TESTED TO ISO 15848-2 CLASS B.
8"-150LB	200	201	457	345	298.5	269.9	27	2	8-22	305	1200	F12	650	130	BF2C15SARVRFNI6D200	8	125	4-M10	