



Anti Static  
I



Fire Safe Design  
II

### 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	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)	300LB		STANDARD
SHELL TEST PRESSURE	7.5 MPa	1088 Psi	API 598 with API 6D (Test duration)
SEAL TEST PRESSURE	5.5 MPa	798 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 300	VALVE TYPE	Floating Ball
DESIGN	API 6D	TEST & INSPECTION	API 6D
FACE TO FACE DIMENSION	B16.10	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 <sup>st</sup> COAT (Primer): Interzinc 52 @ 50µm
	2 <sup>nd</sup> COAT (Intermediate): Intergard 475HS MIO @ 100µm
	3 <sup>rd</sup> 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	ISO 5211	Torque Without Safety Factor/N.M	WEIGHT (KG)	PRODUCT CODE	NPS	A1	N-M	DESCRIPTION
2"~300LB	50	49	216	165	127	92.1	20.7	2	8-19	F07	75	12.3	BF2C30SARVRFENI6D050	2	70	4-M8	50MM TO 150MM CLASS 300 FULL PORT BALL VALVE WITH ASTM A216 WCB BODY, 316 SS BALL, 17-4 PH STEM, RPTFE SEATS, VITON O-RING SEALS, AND FE PACKING. COMES WITH ISO 5211 MOUNTING PAD, LOCKABLE LEVER, FIRE-SAFE DESIGN PER API 607, FACE-TO-FACE AS PER ANSI B16.10, RF FLANGES PER ANSI B16.5, LOW EMISSION TESTED TO ISO 15848-2 CLASS B.
3"~300LB	80	74	283	210	168.3	127	27	2	8-22	F07	165	26	BF2C30SARVRFENI6D080	3	70	4-M8	
4"~300LB	100	100	305	255	200	157.2	30.2	2	8-22	F07	260	46	BF2C30SARVRFENI6D100	4	70	4-M8	
6"~300LB	150	150	403	320	269.9	215.9	35	2	12-22	F10	650	101	BF2C30SARVRFENI6D150	6	102	4-M10	