



N°	PART NAME	MATERIALS	NOTE
1	BODY	ASTM A 182 F55	
2HU	BODY END	ASTM A 182 F55	
3	BALL	ASTM A 182 F55	(7)
4	STEM	INCONEL 718	
5	SEAT	ASTM A 182 F55	(7)
* 6	O-RING	ELAST-O-LION 985	
* 7	O-RING	ELAST-O-LION 985	
* 8	GASKET	GRAPHITE	(5)
10	GLAND	ASTM A 182 F55	
* 13A	GASKET	GRAPHITE	(5)
14	STUD BOLT	ASTM A 320 L7M	(4)
21	BRACKET	ASTM A 182 F55	
22	STUD BOLT NUT	ASTM A 194 Gr.7M	(4)
30	DRAIN PLUG	F55	(6)
* 31	O-RING	ELAST-O-LION 985	
32	SPRING	INCONEL X 750	
36	STEM BEARING	S.S./PTFE COATED	
* 37	GASKET	GRAPHITE	(5)
* 41A	GASKET	GRAPHITE	(5)
43	SDCKET CAP SCREW	ASTM A 320 L7M	(4)
45	THRUST BEARING	S.S./PTFE COATED	
47	VENT BLEEDER	F55	(6)
* 49	O-RING	ELAST-O-LION 985	
53	BONNET	ASTM A 182 F55	
76	UPPER THRUST BEARING	S.S./PTFE COATED	
78	BEARING RETAINER	ASTM A 182 F55	
78A	BEARING RETAINER	ASTM A 182 F55	
80	UPPER BEARING	S.S./PTFE COATED	
82	LOWER THRUST BEARING	S.S./PTFE COATED	
83	LOWER BEARING	S.S./PTFE COATED	

NOTE:
 4) ZINC PLATED 10 µm
 5) GRAPHITE WITH CORROSION INHIBITOR
 7) TUNGSTEN CARBIDE COATING 150 µm
 6) VENT AND DRAIN WITH 2 O-RINGS
 *) SUGGESTED SPARE PARTS FOR 2 YEARS OPERATIONS

Design Temperature:
 -46° C to + 90° C

GENERAL NOTES:
 -BALL VALVES ARE ACCORDING TO NACE MR0175
 -DIMENSIONS ARE IN mm
 -APPROX.WEIGHT IN KG
 -DESIGN/CONSTR. : API 6D
 -ACCORDING TO: ANS-TI-040
 -END TO END DIMENSION : ASME B16.10 / API 6D
 -FLANGE DIMENSIONS : Techlok HUB 2in20 (M020005 REV.C)
 -ANTISTATIC DEVICE
 -FIRE SAFE TEST : API 607 / ISO 10497
 -PRESSURE TEST : API 598 / API 6D



NPS	CLASS	HUB	ØB	H	Kg.
2"	1500	371	51	205	85



ITEM	TAG
005/001	SDV2AV01D
006/001	SDV2BV01D
007/001	SDV2AV02D
008/001	SDV2BV02D

-Dwg No. 140007-DIM-002 For Dimensional drawing

	21-03-2014 Rev.01 Second issued	Design by: DB	Checked by: DB	Approved by: MZ	Date: 14-02-2014	P.O.:
	Description : GENERAL ASSEMBLY DRAWING / BILL OF MATERIAL					
	Model Type: TRUNNION BALL VALVE FULL BORE - CLASS 1500					
	Dwg. Nr.: 140007-BOM-002					
					Rev: 01	