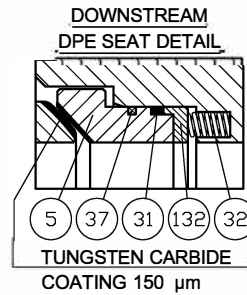
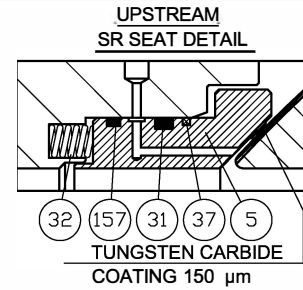
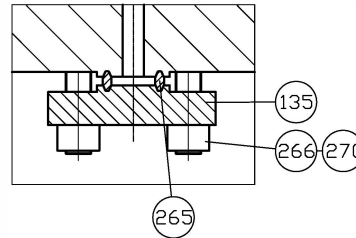


VALVE					
NPS	CLASS	HUB	ØB	H	Kg.
18"	900	1232	423	570	3350



DRAIN AND VENT DETAIL
1.1/2" 1500#



N°	PART NAME	MATERIALS	NOTE
1	BODY	ASTM A182 F55	
2HB	BODY END	ASTM A182 F55	
3	BALL	ASTM A182 F55	(7)
4	STEM	INCONEL 718	
5	SEAT	ASTM A182 F55	(7)
* 6	O-RING	ELAST-O-LION 985	
* 7	O-RING	ELAST-O-LION 985	
* 8	GASKET	GRAPHITE	(5)
* 13A	GASKET	GRAPHITE	(5)
14	STUD BOLT	ASTM A 320 L7M	(4)
22	STUD BOLT NUT	ASTM A 194 Gr.7M (S3)	(4)
* 31	O-RING	ELAST-O-LION 985	
32	SPRING	INCONEL X 750	
36	STEM BEARING	S.S./PTFE COATED	
* 37	GASKET	GRAPHITE	(5)
38	SEAT SEALANT INJECTOR	GRAPHITE	(10)
* 41A	GASKET	GRAPHITE	(5)
43	SOCKET CAP SCREW	ASTM A 320 L7M	(4)
45	THRUST BEARING	S.S./PTFE COATED	
* 49	O-RING	ELAST-O-LION 985	
51	ANTISTATIC SPRING	INCONEL X 750	
53	BONNET	ASTM A182 F55	
76	UPPER THRUST BEARING	S.S./PTFE COATED	
78	BEARING RETAINER	ASTM A182 F55	
78A	BEARING RETAINER	ASTM A182 F55	
79	ISO FLANGE	ASTM A182 F55	
80	UPPER BEARING	S.S./PTFE COATED	
82	LOWER THRUST BEARING	S.S./PTFE COATED	
83	LOWER BEARING	S.S./PTFE COATED	
135	RTJ BLIND FLANGE 1.1/2" #1500	ASTM A182 F55	
* 157	SEAL	ELAST-O-LION 985	
265	BLIND FLANGE GASKET	UNS S32760	
266	STUD BOLT	ASTM A 320 L7M	(4)
270	STUD BOLT NUT	ASTM A 194 Gr.7M (S3)	(4)

NOTE:
 4) ZINC PLATED 10 µm
 5) GRAPHITE WITH CORROSION INHIBITOR
 7) TUNGSTEN CARBIDE COATING 150 µm
 10) ONLY FOR UPSTREAM SEAT (SPE)
 *) 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 18in170 (MH18002 REV.0)
 -ANTISTATIC DEVICE
 -FIRE SAFE TEST : API 607 / ISO 10497
 -PRESSURE TEST : API 598 / API 6D
 -Dwg No. 140007-DIM-001 For Dimensional drawing

ITEM	TAG
001/001	SDV1AV01D
002/001	SDV1BV01D
003/001	SDV1AV02D
004/001	SDV1BV02D

Sheet:	Scale:	
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Design by: *DB* Checked by: *DB* Approved by: *MZ* Date: *14-02-2014*

Description : GENERAL ASSEMBLY DRAWING / BILL OF MATERIAL

Model Type: TRUNNION BALL VALVE
FULL BORE - CLASS 900

Dwg. Nr.: 140007-BOM-001

Rev: 01