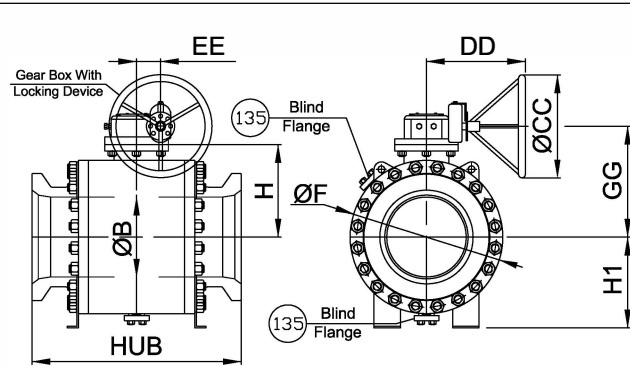


N°	PART NAME	MATERIALS	NOTE
1	BODY	ASTM A 182 F55	
2HB	BODY END	ASTM A 182 F55	
3	BALL	ASTM A 182 F55	(7)
4	STEM	ASTM A 479 S32760	
5	SEAT	ASTM A 182 F55	(7)
*	O-RING	ENDURA V91A	
*	O-RING	ENDURA V91A	
*	GASKET	GRAPHITE	(5)
*	GASKET	GRAPHITE	(5)
14	STUD	ASTM A 320 L7M	(4)
22	NUT	ASTM A 194 Gr. 7M (S3)	(4)
*	O-RING	ENDURA V91A	
32	SPRING	INCONEL X 750	
36	STEM BEARING	S.S./PTFE COATED	
*	GASKET	GRAPHITE	(5)
*	41A GASKET	GRAPHITE	(5)
42	ADAPTER FLANGE	ASTM A 182 F55	
43	SOCKET CAP SCREW	ASTM A 320 L7M	(4)
45	THRUST BEARING	S.S./PTFE COATED	
*	49 O-RING	ENDURA V91A	
53	BONNET	ASTM A 182 F55	
76	UPPER THRUST BEARING	S.S./PTFE COATED	
78	BEARING RETAINER	ASTM A 240 S32760	
78A	BEARING RETAINER	ASTM A 240 S32760	
79	ISO FLANGE	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	
135	RJ BLIND FLANGE 1/2" #1500	F55	
265	BLIND FLANGE GASKET	STAINLESS STEEL 316	
266	STUD	ASTM A 320 L7M	(4)
270	NUT	ASTM A 194 Gr. 7M (S3)	(4)

NOTE:  
 4) ZINC / NICKEL PLATED  
 5) GRAPHITE WITH CORROSION INHIBITOR  
 7) TUNGSTEN CARBIDE COATING 150 µm  
 \*) SUGGESTED SPARE PARTS FOR 2 YEARS OPERATIONS

ITEM	TAG
005	OP7830-21

GEAR BOX											
NPS	CLASS	HUB	ØB	ØF (body)	H	H1±10	Kg.	ØCC	DD	EE	GG
8"	900	740	203	470	355	320	680	700	555	135	500



**DESIGN TEMPERATURE:**  
 -46° C To +120° C

**GENERAL NOTES:**  
 -BALL VALVES ARE ACCORDING TO NACE MR0175  
 -DIMENSIONS ARE IN mm  
 -APPROX.WEIGHT IN KG  
 -DESIGN/CONSTR. : API 6D / ASME B 16.34  
 -END TO END DIMENSION : ASME B16.10 / API 6D  
 -FLANGE DIMENSIONS : HUB 8in82 (M080029 Rev.0)  
 -ANTISTATIC DEVICE  
 -FIRE SAFE TEST : API 607 / ISO 10497  
 -PRESSURE TEST : API 598 / API 6D

Design by: JZ Checked by: DB Approved by: MZ Date: 25-03-2014

Description : GENERAL ASSEMBLY DRAWING / BILL OF MATERIAL

Model Type: TRUNNION BALL VALVE FULL BORE - CLASS 900

Dwg. Nr.: 140018-004

Rev: 00