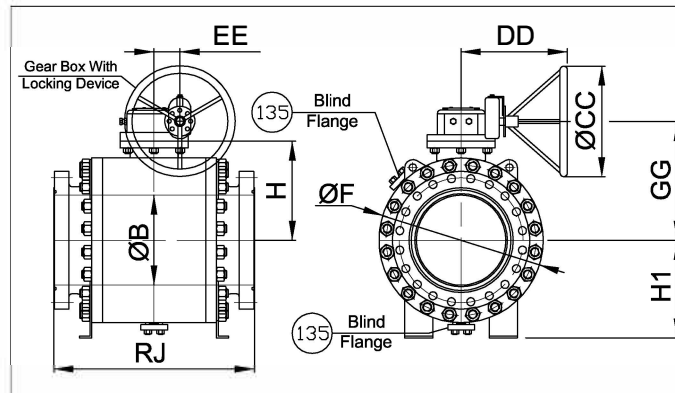


N°	PART NAME	MATERIALS	NOTE
1	BODY	ASTM A 182 F55	
2RJ	BODY END	ASTM A 182 F55	
3	BALL	ASTM A 182 F55	(7)
4	STEM	ASTM A 479 S32760	
5	SEAT	ASTM A 182 F55	(7)
*	6	O-RING	ENDURA V91A
*	7	O-RING	ENDURA V91A
*	8	GASKET	GRAPHITE (5)
*	13A	GASKET	GRAPHITE (5)
14	STUD	ASTM A 320 L7M	(4)
22	NUT	ASTM A 194 Gr. 7M (S3)	(4)
*	31	O-RING	ENDURA V91A
32	SPRING	INCINEL X 750	
36	STEM BEARING	S.S./PTFE COATED	
*	37	GASKET	GRAPHITE (5)
*	41A	GASKET	GRAPHITE (5)
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

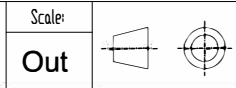
GEAR BOX											
NPS	CLASS	RJ	ØB	ØF (body)	H	H1±10	Kg.	ØCC	DD	EE	GG
10"	900	841	254	565	356	370	1100	700	555	135	501

ITEM	TAG
003	HV1201D
004	HV3201D



**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 : ASME B 16.5  
 -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

, TRUNNIDN BALL VALVE  
 FULL BORE - CLASS 900

Dwg. Nr: 140018-003 Rev: 00