

# TB = Trunnion twin balls

## Lip seal design

METAL TO METAL SEATED-HARD TO CONTACT SURFACE

SEAT DETAIL

NEEDLE VALVE DETAIL SEZ A-A

1/2"NPT-F

HUB DIMENSIONS IN ACCORDING WITH TECHLÖK M020006-rev-A (HUB Model 2 In 16 ST)

POB.	PART. NAME	MATERIAL
01	BODY	UNS S31803
02	SEAT	UNS S31803+TCC 150 Micron
2.1	BACK SEAT	UNS S31803
03	BALL	UNS S31803+TCC 150 Micron
04	STEM	UNS S31803
05	STEM COVER	UNS S31803
06	FLANGE	UNS S31803
07	TRUNNION	UNS S31803
09	OPERATOR FLANGE	UNS S31803
10	LEVER	AIISI 316
11	LOCKING DEVICE	AIISI 316
51	STUD	ASTM A193 B7 + HDG
52	NUT	ASTM A194 2H + HDG
54	SCREW	ASTM A193 B7 + HDG
54.1	SCREW	A4-70
55	THRUST WASHER	INC B25 + PTFE
56	THRUST BEARING	INC B25 + PTFE
59	BLEEDER	UNS S31803
62	LIP SEAL	PTFE+ELGILOY
63	GASKET	GRAPHITE
66	SPRING	INCONEL X-750
69	PIN	UNS S31803
70	KEY	UNS S31803
19a	NEEDLE LEVER NUT	S.S
20	NEEDLE STEM	UNS S31803 -6BT
21	NEEDLE PACKING GLAND	AIISI 316
22	NEEDLE BODY	UNS S31803
23	NEEDLE BODY GASKET	GRAPHITE
24	NEEDLE LEVER	S.S
25	NEEDLE CLOSURE	UNS S31803
26	NEEDLE STEM GASKET	GRAPHITE
27	NEEDLE PLUG	UNS S31803

ITEM	QTY	SIZE	CLASS	ENDS	A	B	B1	C	D	E	L	M	WEIGHT	VDS
1	6	2"x3/4"	4500	HUB/NPTF	385	19	3/4"NPT	70	95	120	250	92.1	42	CBPD00X

TAG N°		EMMECI VALNOR		BALL VALVE	
13CB7105	13CB7210			DBB TRUNNION BALL VALVE	
13CB7110	13CB7305			GENERAL ASSEMBLY	
13CB7205	79CB7310			89419	

NOTE:

- Dimension in mm, weight in kg
- Valve according to API 6D - B16.34 - ASME VIII Div.1
- Face to face according to MANUFACTURER STD
- Antistatic device according to BS 5351
- Fire safe according to BS-6755 Pt.2/API6FA
- Material acc to NACE MR0175/ISO 15156
- Raw material from NO RISK II-250 approved foundry
- PAINTED to Norex 8g stem SA with topcoat colour GRAY (RAL7038)
- Female threaded end to ASME B1.20.1
- Flange acc to ASME B16.5 (one end)