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0	1-Feb-19	lssu	ed for Use	T.M	H.T	H.T
REV	DATE		DESCRIPTION	BY	СНКД	APPD
OWNEF		.Bh	umi Jati Powe	r		
PROJE			I B EXPANSION (. TEAM POWER PL		V	
OWNEF						
EPC CC						
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EPC CC	SINTRACTORS	nitor	<i>no Corporation</i> sa Mitra Engine			
EPC CC	Suntractors Sun PT.	nitor Was	sa Mitra Engine	ering		
	Suntractors Sun PT.	Was	-	ering		REV
	SINTRACTORS SUN SUN PT. ManPower Japan CT DOCUMENT N	Mas Was	sa Mitra Engine	ering pan Ltd.		REV 1
	SINTRACTORS SUN SUN PT. ManPower Japan CT DOCUMENT N	Mas Was	a Mitra Engine AvantPower Jaj 5- <i>L1-OFF-C-LAC-N</i>	eering pan Ltd. 1-DRD-2706		
PROJE	SINTRACTORS NTRACTORS SUN PT. ManPower Japan CT DOCUMENT N 7	NO.	sa Mitra Engine AvantPower Jaj 5- <i>L1-OFF-C-LAC-N</i> TITLE	ering pan Ltd. <i>I-DRD-2706</i> TION DRAWING FO		1
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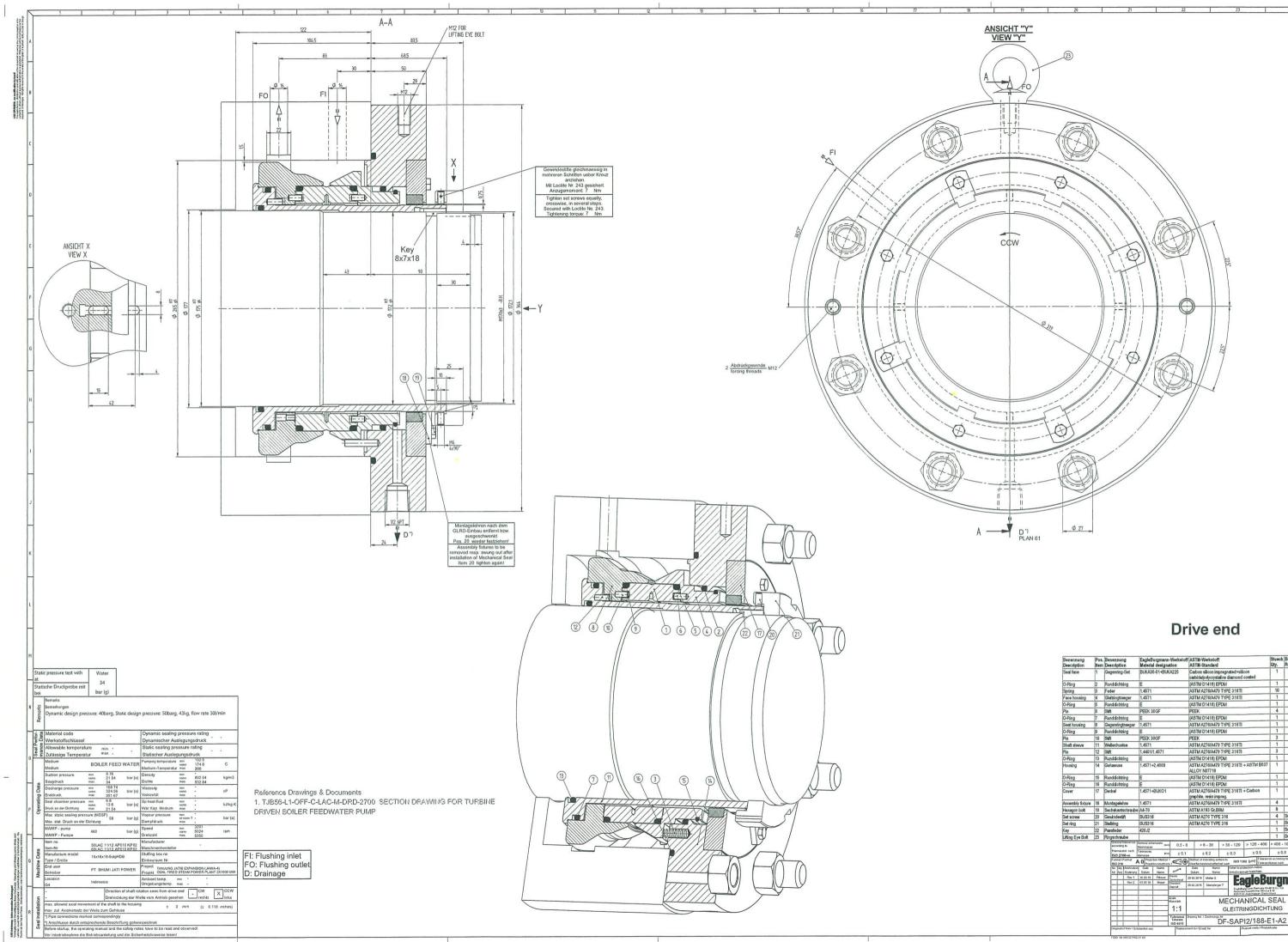
TITLE	SECTION DRAWING FOR TBFP AND BOOSTER PUMP MECHANICAL SEAL	11901	-120	F	REV.	2	
CUSTOMER	Toshiba Energy Systems & Solution	ons Corporation		COMPLETE IN WITH COVER	5	SHE	ETS
FINAL USEF	PT. Bhumi Jati Power						
PROJECT	- TANJUNG JATI B EXPANSION (JAWA-4) COAL FIRED STEAM POWER PLANT 2 X 1,000MW	SERVICE	Turbine D	riven Boiler Fee	dwa	iter P	ump
JOB No	. –	EBARA SER. No.	R1704 ⁻	11901/902			
ITEM No	. —	MODEL/EQUIP.		(18-5stg.HDB) 0KST71	,	SET	2+2
P.O. No.	_		-				

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_					ISSUED BY	PUMP ENGINE DEPARTMENT	
5							
4							
3					APPROVED BY	N.Anzai	11-Mar-18
2	Issued for Use	2018/9/28	N.Anzai	N.Matsushita			
1	Revised	2018/6/28	N.Anzai	N.Matsushita	CHECKED BY		
REV.	PAGE	DATE	APP'D	BY	PREPARED BY	N.Matsushita	11-Mar-18



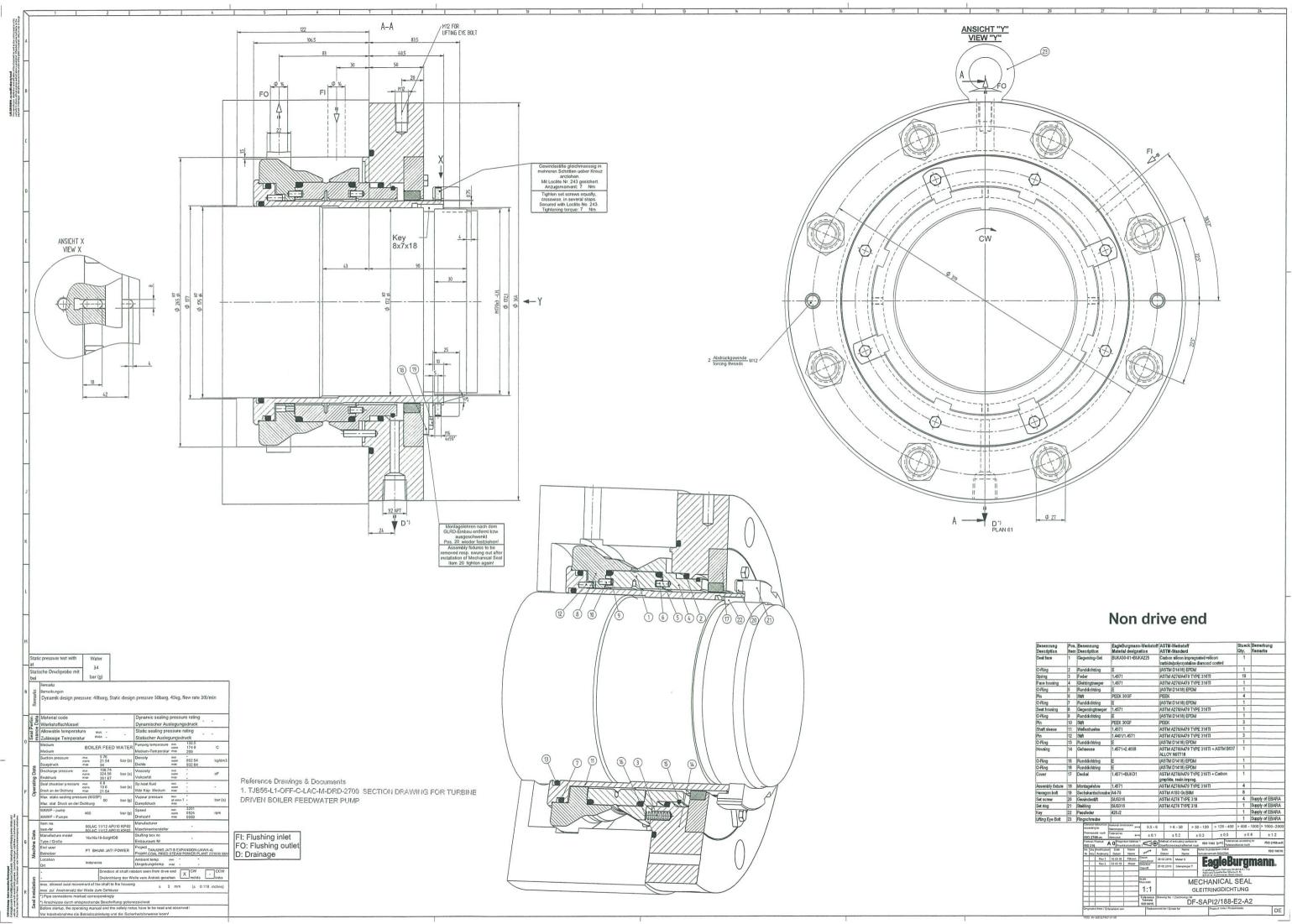
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EBARA CORPORATION



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Benennung Description		Benennung Description	EagleBurgmann-Werkstof Material designation	ASTM-Werkstoff ASTM-Standard	Stueck Qty.	Bemerkung Remarke		
Seal face	1	Gegenning-Set	BUKA30-01+BUKA225	Carbon silicon impregnated+silicon carbidepolycrystaline diamond costed	1			
O-Ring	2	Runddichtning	E	(ASTM D1418) EPDM	1			
Spring	3	Feder	1.4571	ASTM A276/A479 TYPE 316TI	10			
Face housing	4	Gleitringtraeger	1.4571	ASTM A276/A479 TYPE 316TI	1			
O-Ring	5	Runddichtning	E	(ASTM D1418) EPDM	1			
Pin	6	Stift	PEEK 30GF	PEEK	4			
O-Ring	7	Runddichtring	E	(ASTM D1418) EPDM	1			
Seet housing	8	Gegenningtræger	1.4571	ASTM A276/A479 TYPE 316TI	1			
O-Ring	9	Runddichtring	E	(ASTM D1418) EPDM	1			
Pin	10	Slift	PEEK 30GF	PEEK	3			
Shaft sleeve	11	Wellenhuelse	1.4571	ASTM A276/A479 TYPE 316TI	1			
Pin	12	Stift	1.4401/1.4571	ASTM A276/A479 TYPE 316TI	3			
O-Ring	13	Runddichtring	E	(ASTM D1418) EPDM	1			
Housing	14	Gehaeuse	1,4571+2,4868	ASTM A276/A479 TYPE 316TI + ASTM B637 ALLOY N07718	1			
O-Ring	15	Runddichtring	E	(ASTM D1418) EPDM	1			
O-Ring	16	Runddichtring	E	(ASTM D1418) EPDM	1			
Cover	17	Deckel	1.4571+BUKO1	ASTM A276/A479 TYPE 316TI + Carbon graphite, resin impreg.	1			
Assembly fixture	18	Montagelehre	1.4571	ASTM A276/A479 TYPE 316TI	4			
Hexagon bolt	19	Sechskantschraube	A4-70	8				
Set screw	20	Gewindestift	SUS316	ASTM A276 TYPE 316	4	Supply of EBARA		
Set ring	21	Stellring	SUS316	ASTM A276 TYPE 316	1	1 Supply of EBARA		
Key	22	Passfeder	420JZ		1	Supply of EBARA		
Lifting Eye Bolt	23	Pingschraube			1	Supply of EBARA		
			Vominal dimensions (meg 0,5 - 6	>6-30 > 30-120 > 120-400	> 400 -	1000 > 1000 - 2000		
		Freemasstol nach	Tolorances (mm) ± 0,1	±0,2 ±0,3 ±0,5	± 0	.8 ± 1.2		
		Formal /Format A	0 Projection Method 1	Method of indicating surface to Oberfachenbeschafferheit nach ISO 1392 [µm] Toleran Toleran	ces accordin zblasse nach	g to ISO 2768-mK		
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Benennung Description	Pos.	Bener	nnung EagleBurgmann-Werkstoff ASTM-Werkstoff ription Material designation ASTM-Standard					Stueck Qty.	Bem Rem	erkung arks						
Seal face	1	Geget	ning	-Set					Carbon silicon impregnated+silicon carbide/polycrystaline diamond coated			1				
O-Ring	2	Runde	Scht	ring	E			(ASTM	D1418) E	PDM		1				
Spring	3	Feder			1.4571			ASTMA	A276/A47	9 TYPE 316Th	6	10				
Face housing	4	Gleith	ngtra	reger	1.4571			ASTM A	A276/A47	9 TYPE 316TI		1				
O-Ring	5	Rundo	icht	ring	E			(ASTM	D1418) E	PDM		1	1			
Pin	6	Stift			PEEK 3	IOGF		PEEK				4				
O-Ring	7	Rundd	icht	ning	E			(ASTM	D1418) E	PDM		1				
Seat housing	8	Geger	ning	traeger	1.4571			ASTM A	A276/A47	TYPE 316T		1				
O-Ring	9	Rundo	icht	ring	E			(ASTM	D1418) E	PDM		1				
Pin	10	Stift			PEEK 3	OGF		PEEK				3				
Shaft sleeve	11	Weller	nhue	łse	1.4571			ASTMA	276/A47	9 TYPE 316TI		1				
Pin	12	Stift	-		1.4401/	1.4571		ASTMA	A276/A47	TYPE 316T		3	1			
O-Ring	13	Rundd	Scht	ting	E			(ASTM	D1418) E	PDM		1				
Housing	14	Gehaeuse			1.4571-	+2.4668		ASTM A276/A479 TYPE 316TI + ASTM B637 ALLOY N07718			+ ASTM B637	1				
O-Ring	15	Rundd	icht	ing	E			(ASTM D1418) EPDM				1				
O-Ring	16	Rundd	icht	ing	E			(ASTM D1418) EPDM				1				
Cover	17	Decke	l		1.4571-	BUKO1		ASTM A276/A479 TYPE 316TI + Carbon graphite, regin impreg.				1				
Assembly fixture	18	Monte	gele	hre	1.4571 ASTM A276/A479 TYPE 316TI				4	1						
Hexagon bolt	19	Sechal	kent	schraube	A4-70			ASTM A193 Gr.B8M				8				
Set screw	20	Gewin	dect	ift	SUS310	3		ASTM A276 TYPE 316			4	Supp	ly of EBARA			
Set ring	21	Stellrin	10		SU5316	5		ASTM A276 TYPE 316			1	Supp	ly of EBARA			
Key	22	Passfe	ider	0	420J2			1				1	Supp	y of EBARA		
Lifting Eye Bolt	23	Ringso	hra	be								1	Supp	ly of EBARA		
		906	orden	3 10	iominal der Iennmasse		0.5 - 6	>	6 - 30	> 30 - 120	> 120 - 400			> 1000-200		
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			mat /	Fermal A	0 Projec	tion Method		Method of	indicating su			es accordin Nasse nach		150 2768-mi		
		No	Qly	Modification	Date	Name	Hereite	Date	Nam	e Refer to pr	totoctron notice			150 1601		
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