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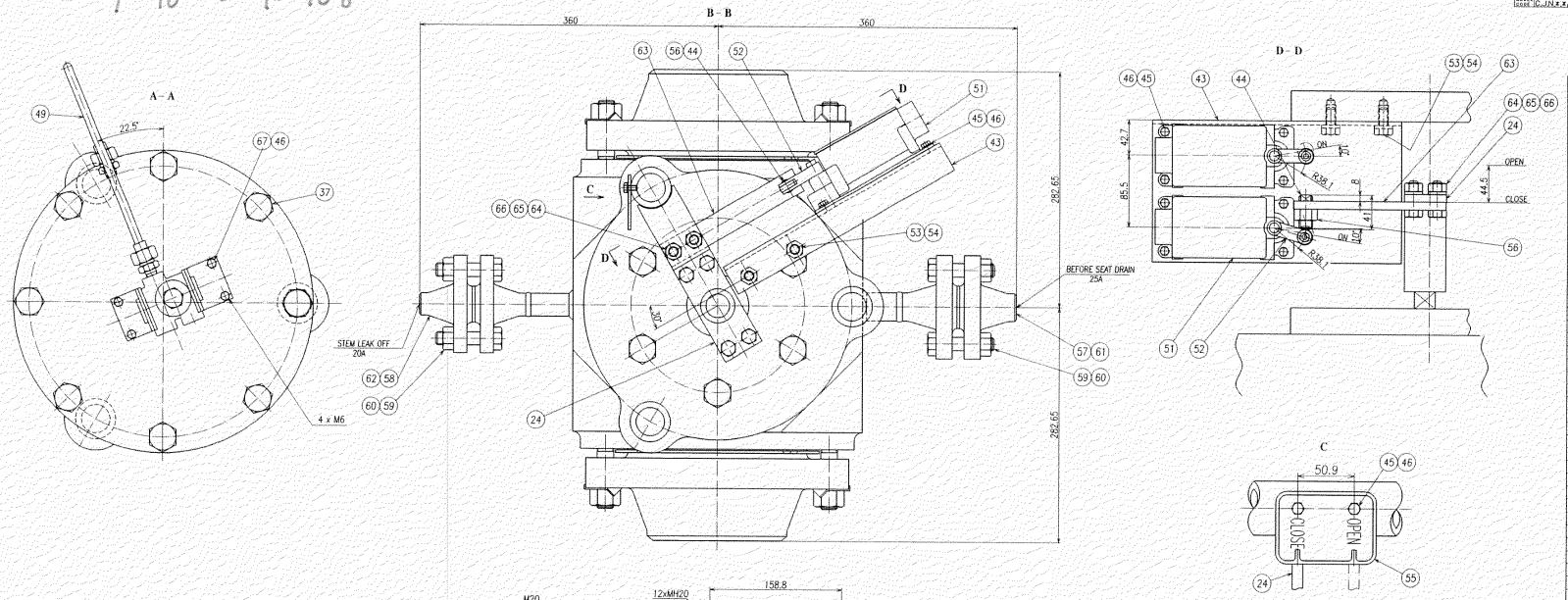
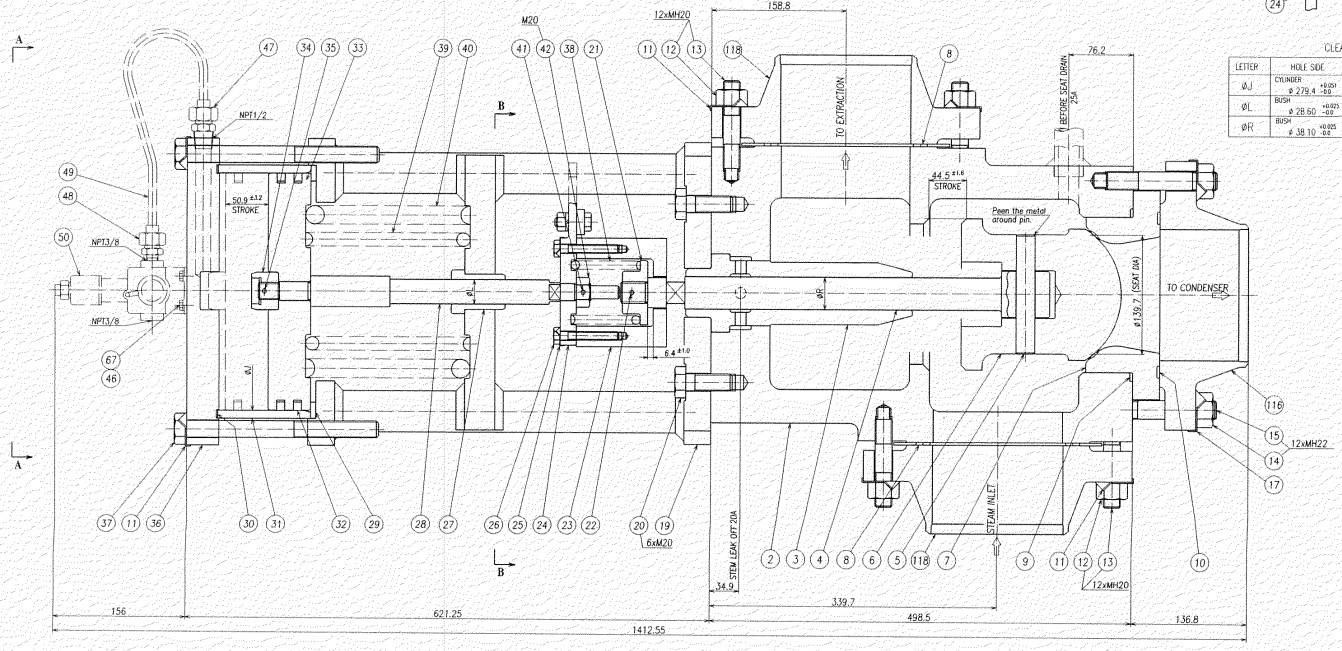
7-96 ~ 7-108



PNo.	PARTS NAME	QTY.	MATERIAL
2	CASING	1	ASTM A182F22
3	BUSH	1	K9A56E
4	VALVE STEM	1	K9A56E
5	PIN	1	K9A56E
6	VALVE	1	K9A56E
7	VALVE SEAT	1	ASTM A387Gr22 w/stellite 6
8	GASKET	2	GRAPHITE+INCONEL600
9	GASKET	1	GRAPHITE+INCONEL600
10	GASKET	1	GRAPHITE+INCONEL600
11	LOCK PLATE	32	SUS410
12	HEX NUT	24	K5P51B
13	STUD	24	K5P51B
14	HEX NUT	12	K5P51B
15	STUD	12	K5P51B
17	LOCK PLATE	12	SUS410
19	YOKE	1	ASTM A387GR11+SS400+STPA24
20	HEX BOLT	6	K5P51B
21	SPRING SEAT	1	S45C
22	PIN	1	S45C
23	COUPLING	1	SS400
24	BRG PLATE	1	SS400
25	TONG WASHER	4	SUS410
26	HEX BOLT	4	SS400
27	BUSH	1	CAC403
28	PISTON ROD	1	SUS403
29	GASKET	1	NBR
30	PACKING	1	NBR
31	CYLINDER	1	SUS304
32	PISTON RING	2	SPECIAL CAST IRON
33	PISTON	1	CAC403
34	PISTON NUT	1	S45C
35	PIN	1	S45C
36	CYLINDER COVER	1	SS400
37	HEX BOLT	8	S25C
38	SPRING	1	SUP9
39	SPRING	1	SUP9
40	SPRING	1	SUP9
41	PIN	1	S45C
42	HEX NUT	1	SS400
43	SW BRACKET	1	SS400
44	ADJUST BOLT	1	SS400
45	HEX BOLT	10	SS400
46	SP WASHER	14	SWRH
47	SCR UNION	1	BRASS
48	SCR UNION	1	BRASS
49	PIPE	1	COPPER TUBE C1100T
50	AIR VALVE	1	--
51	LIMIT SWITCH	2	--
52	SW LEVER	2	--
53	HEX BOLT	2	SS400
54	SP WASHER	2	SWRH
55	NAME PLATE	1	SUS304
56	HEX NUT	1	SS400
57	FLANGE	1	ASTM A182F11
58	FLANGE	1	ASTM A182F11
59	HEX BOLT	8	K5P51B
60	HEX NUT	8	K5P51B
61	GASKET	1	GRAPHITE+INCONEL600
62	GASKET	1	GRAPHITE+INCONEL600
63	LEVER	1	SS400
64	HEX BOLT	2	SS400
65	HEX NUT	2	SS400
66	SP WASHER	2	SWRH
67	HEX BOLT	4	SS400
116	FLANGE	1	ASTM A182F11
118	FLANGE	2	ASTM A182F11



CLEARANCE TABLE

LETTER	HOLE SIDE	SHAFT SIDE	CLEARANCE
øJ	CYLINDER ø 279.4 +0.051 −0.0	PISTON ø 279.0 +0.0 −0.061	C= 0.40 ~ 0.502
øL	BUSH ø 28.60 +0.025 −0.0	PITON ROD ø 28.50 +0.0 −0.025	C= 0.10 ~ 0.15
øR	BUSH ø 38.10 +0.025 −0.0	VALVE STEM ø 37.90 +0.0 −0.025	C= 0.20 ~ 0.25

DESIGN DATA

- DESIGN PRESSURE : 9.0 bar(g)
- DESIGN TEMPERATURE : 547 °C
- HYDROSTATIC TEST PRESSURE : 13.5 bar(g)

REFERENCE DRAWING

BLOWDOWN VALVE OUTLINE	TJB56-L1-OFF-C-MAW-M-DRD-2685
BLOWDOWN VALVE	50MAW20AA205/60MAW20AA205

FOR REFERENCE

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PROJECT TITLE	TANJUNG JATI B EXPANSION (UNIT#3&4) COAL FIRED STEAM POWER PLANT 2 x 1,000 MW
OWNER	PT.Bhumi Jati Power
EPC CONTRACTOR	Sumitomo Corporation / PT. Wasa Mitra Engineering / AmarPower Japan Ltd.
PROJECT MANAGER NO.	TJB56-L1-OFF-C-MAW-M-DRD-2754
DRAWING TITLE	SECTION DRAWING FOR BLOWDOWN VALVE
DRAWING NO.	DKT003179
SUB CONTRACTOR	TOSHIBA
DRAWING TITLE	BLOW DOWN VALVE ASSEMBLY
DRAWING NO.	DKT003179 (A)

NOS-A516/70 | SCALE 1:2 | UNIT mm | APPROVED BY K.TAKIMOTO OCT-03-'18 | REVIEWED BY | PREPARED BY M.INOUE OCT-03-'18 | TOSHIBA TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION | REGISTERED DATE OCT-03-'18

(京浜) 図面管理室 2019/04/16 電子承認システム適用