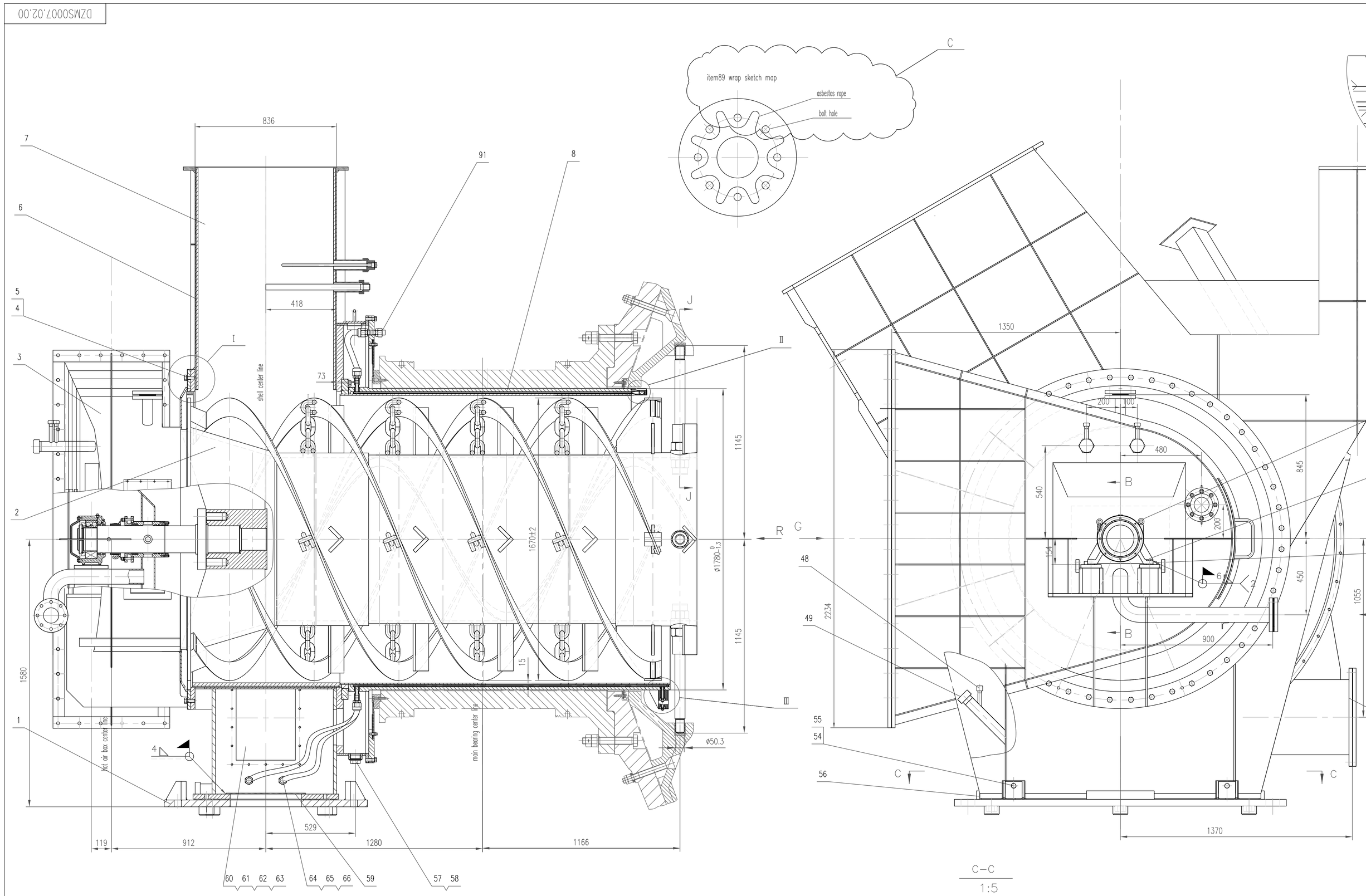
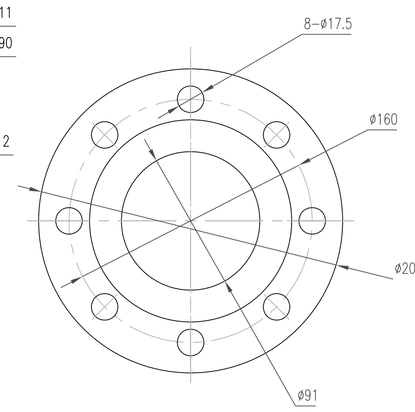
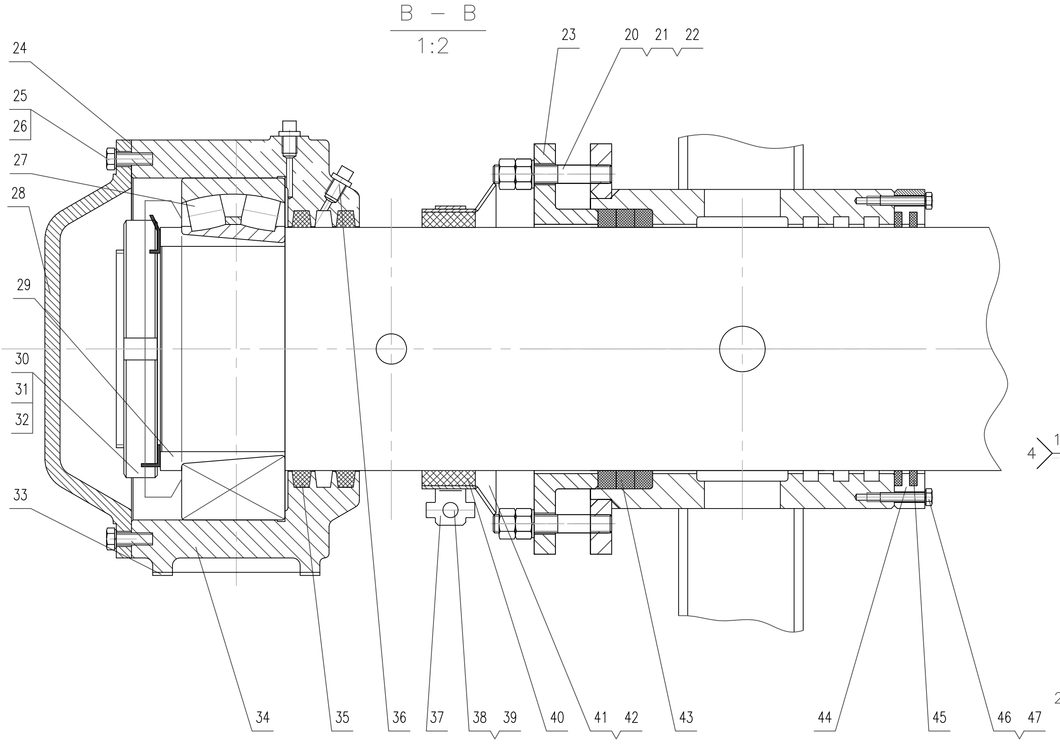
DZMS0007.02.00





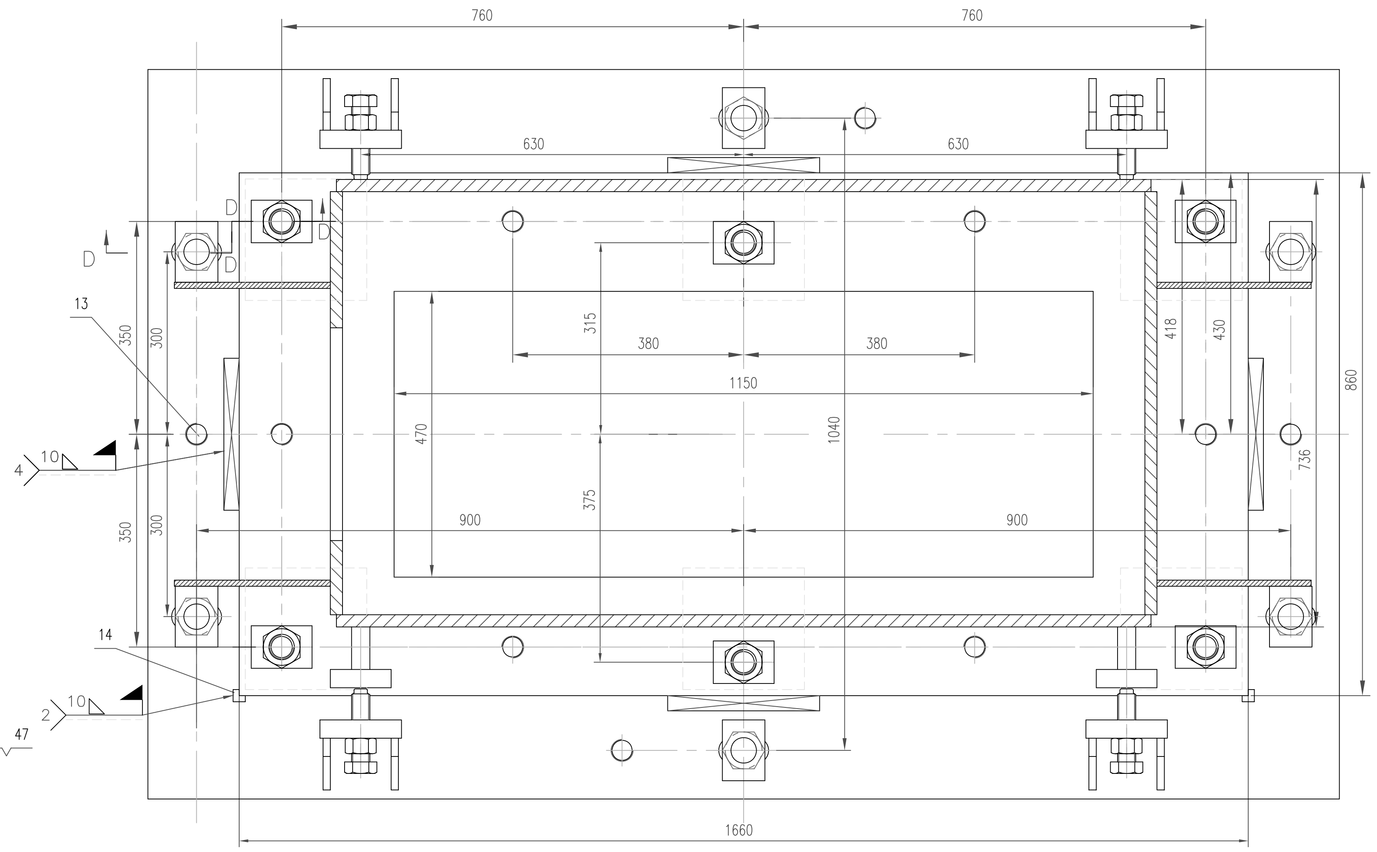
directionQ (seal air inlet)

1:2



B – B

1:2



C–C

1:5

Technical Requirements

1. Production and manufacture specification is acc. to JB/T10519-2005.
2. When installing J-J by welding in site, all welding surfaces should be cleaned, high nickel-base electrode is used when welding
3. No. 35 before installation should be put in 2/3 thin oil and 1/3 thick oil mixture at 80~85℃ for half hour for sufficient immersion
4. Blank slots of two felt rings of No. 34 bearing seat when installing should be filled with oil.
5. Stop blocks Nos. 14 should be welded in site after each part adjustment completed and installation dimension inspected.
6. All bolts without taking locking measures, when installing, thread should be coated with Loctai 262 sealant
7. When using sealant for installation of connection, oil dirt on part surface should be cleaned, then adhesive liquid diameter φ3.3~φ6.4 tape is attached on part surface to form two sealant rings to inclose bolt hole, note to coat sealant ring on each bolt hole, avoid horizontal movement when assembling , joint together within 24h.
8. When installing No. 50, two half round sealing rings are welded by spot welding to form a full circle sealing ring.
9. After installation, clearance btwn. No.2 righ-hand twisted cage and No. 8 hollow pipe part I should be equal at each circumference direction.
10. Item59weld seam to be continous welding at site after installation. and tightness should be assured.
11. while put item 85, 86 revelant pieces together,smear item 87 to contact surface.
12. while using itme84,smear item 88 to the opening.
13. Apply this drawing to the mill D ,E and F of unit[; the mill D, E and F of unit[] .

REV	DATE	DESCRIPTION	DRWN	CHKD	APPD
C	2011.04.20		ZhangPengxiao	LiuYin	YuTingWei
B	2010.09.20		ZhangPengxiao	LiuYin	YuTingWei
A	2010.08.30		ZhangPengxiao	LiuYin	YuTingWei

DRAWING SUBMISSION STATUS: AP

OWNER	OWNER'S CONSULTANT
PETRO VIETNAM VIETNAM OIL AND GAS GROUP (PVN)	PÖYRY POYRY ENERGY LTD
EPC CONTRACTOR	EPC CONTRACTOR'S CONSULTANT
LILAMA VIETNAM MACHINERY INSTALLATION CORPORATION (LILAMA)	FICHTNER FICHTNER GmbH & Co. KG

PROJECT TITLE

VUNG ANG 1 THERMAL POWER PLANT 2 x 600MW

CONTRACT No. 251209/LILAMA-NHI

DOCUMENT No. VA1-NHI-00100-M-M1C-DGA 1003(1) | SCALE 1:10 | REV C

item	code	description	qty	material	unit weight(kg)	total weight(kg)	remarks
91	JB/Z04226-86	hose joint20	4		0.45	1.8	
90	GB/T6170-2000	nutM20	2	grade8			
89		SY-16 asbestos rope BX80000	1	asbestos rope	3.1	3.1	
88		LOCTITE510seal gum	1		2	2	
87		LOCTITE262seal gum	1				200ml
86	JB/Z04427-86	hose joint19[-630	2				
85	DZMS0007.02.35	baffle section2	3	Q235A	8.6	25.8	
84	DZMS0007.02.34	gasket	1	MELRATH	8.7	8.7	
83	DZMS0007.02.33	baffle section1	3	Q235A	7.6	22.8	
82	GB/T897-1988	stud M12X35	48	grade4.8			
81	DZMS0007.02.110	seal box cover	1	assemblies	361	361	
80	GB/T119-2000	pinB16X50	2	35			
79	GB/T93-1987	washer16	62	65Mn			
78	GB/T5782-2000	boltM16X55	48	grade8.8			
77	DZMS0007.02.090	protecting rod	1	weldment	5.6	5.6	
76	WZP2N-230K	double thermal resistance	1	cir-clapeau wear resistant tore			
75	DZMS0007.02.32	crossover sub	1	35	1	1	
74	GB/T97.1-2002	washer8	12	grade200HV			
73	DZMS0007.02.31	cushion	1	ezzoasbestos rubber plate	0.3	0.3	
72	DZMS0007.02.080	cover	1	weldment	6.4	6.4	
71	DZMS0007.02.29	bolt	4	35	0.2	0.8	
70	GB/T879.1-2000	pin16X50	1	65Mn			
69	GB/T5782-2000	boltM20X70	48	grade8.8			
68	DZMS0007.02.28	cushion	2	ezzoasbestos rubber plate	0.3	0.6	
67	DZMS0007.02.070	maintenance door	2	assemblies	38.6	77.2	
66	JB/Z04224-2006	Olype seal ring24X2.4	8	rubber[-4			purchase parts
65	JB/Z04427-86	hose joint19[-1600	2				
64	SZ0836-2006	joint body R1/2	8	35			purchase parts
63	DZMS0007.02.27	cushion	1	ezzoasbestos rubber plate	0.3	0.3	
62	GB/T93-1987	washer12	106	65Mn			
61	GB/T5783-2000	boltM12X30	58	grade8.8			
60	DZMS0007.02.060	maintenance door	1	weldment	22	22	
59		steel plate6X470X1150	1	Q235A	25.5	25.5	
58	GB/Z04454-2006	sealing cushion60X68	1	pure copper			purchased parts
57	JB/Z04451-2006	plugG2A	1	35			
56		steel plate400X50X20	4	Q235A	3.1	12.4	
55	GB/T6171-2000	nutM30X2	4	grade8			
54	DZMS0007.02.26	jack screw	4	35	0.96	3.84	
53	GB/T6170-2000	nutM16	14	grade8			
52	GB/T5782-2000	boltM16X65	14	grade8.8			
51	DZMS0007.02.25	cushion	1	ezzoasbestos rubber plate	0.3	0.3	
50	DZMS0007.02.24	flange	1	Q235A	15.6	15.6	
49	DZMS0007.02.23	pipe cap	1	35	0.8	0.8	
48	DZMS0007.02.22	pipe cap	1	35	0.2	0.2	
47	GB/T97.1-2002	washer 6	6	grade200HV			
46	GB/T5782-2000	boltM6X35	6	grade8.8			
45	DZMS0007.02.21	semi sealing ring	4	H62	0.06	0.24	
44	DZMS0007.02.19	semi flange	2	Q235A	1.1	2.2	
43		YS350packingF10X540	3	oil immersed asbestos packing			
42	DZMS0007.02.050	wind shild cover[]	1	weldment	0.5	0.5	
41	DZMS0007.02.040	wind shield cover[	1	weldment	0.6	0.6	
40	DZMS0007.02.18	asbestos protecting sleeve	1	asbestos packing	0.9	0.9	
39	GB/T6170-2000	nutM8	1	grade8			
38	GB/T5783-2000	boltM8X30	1	grade8.8			
37	DZMS0007.02.17	cutting sleeve	1	Q235A	0.2	0.2	
36	JB/T7940.1-1995	oil cupM10X1	2				
35		cushionø184X/ø160X10	2	half thick felt			
34	DZMS0007.02.16	bearing base	1	HT200	32	32	iron casting
33	DZMS0007.02.15	gasket unit	2	Q235A	0.31	0.62	
32	GB/T812-1988	nutM130X2	1	45			
31	GB/T858-1988	washer130	1	Q235A			
30	DZMS0007.02.14	round nut	1	45	2.3	2.3	
29		withdrawal sleeveAH30128	1		2.8	2.8	SKF
28	DZMS0007.02.13	head	1	HT200	5.9	5.9	iron casting
27		sliping rolling bearing 23128CK/W33	1		10.5	10.5	SKF
26	GB/T93-1987	washer8	8	65Mn			
25	GB/T5783-2000	boltM8X25	20	grade8.8			
24		cushionø275X225X1	1	ezzoasbestos rubber plate			
23	DZMS0007.02.12	flange	1	Q235A	2.1	2.1	
22	GB/T97.1-2002	washer12	4	grade200HV			
21	GB/T6170-2000	nutM12	56	garde8			
20	DZMS0007.02.11	double stud	4	35	0.07	0.28	
19	DZMS0007.02.09	gasket unit2	4	Q235A	1.3	5.2	
18	DZMS0007.02.08	gasket unit1	2	Q235A	1.3	2.6	
17	DZMS0007.02.07	bolt	6	35	1.86	11.16	
16	DZMS0007.02.06	check block	12	Q235A	0.04	0.48	
15	DZMS0007.02.05	block	12	Q235A	0.7	8.4	
14	DZMS0007.02.04	stopper	2	Q235A	0.4	0.8	
13	DZMS0007.02.03	bolt	10	35	2.6	26	
12	DZMS0007.02.02	stopper	2	Q235A	0.2	0.4	
11	DZMS0007.02.01	square washer	2	Q235A	0.1	0.2	
10	GB/T5782-2000	boltM20X80	2	grade8.8			
9	GB/T825-1988	screwM8	2	20			
8	DZMS0007.02.03.00	hollow tube unit[	1	assembly drawing	3260	3260	
7	DZMS0007.02.030	shelf [	1	weldment	3462	3462	
6	DZMS0007.02.020	Liner unit [for screw conveying device	1	assemblies	2010	2010	
5	GB/T93-1987	washer20	100	65Mn			
4	GB/T5783-2000	boltM20X45	48	grade8.8			
3	DZMS0007.02.02.00	hot air box unit]	1	assembly dwg.	948	948	
2	DZMS0007.02.01.00	deatronlatory spool	1	assembly dwg.	3285	3285	
1	DZMS0007.02.010	base	1	weldment	617	617	

GENERAL TECHNICAL CONDITION JB/T5000

SCREW CONVEYING DEVICE [

ASSEMBLY DRAWING

NHI NHI DESIGN INSTITUTE

MARK	QTY	RANGE	DOCUMENT NO	SIGNATURE	DATE
DESIGNER			STANDARDIZATION		
CHECK			CRAFTMAN		
PROFESSION ENGINEER					
REVIEW			DATE : 2011.04.20		

Symbol	WEIGHT(Kg)	SCALE
	14300	1:10
TOTAL PAGE 2	PAGE 1	

DZMS0007.02.00

修 改

会 签

描 图

描 校