



VEGA LTD. IS NOT RESPONSIBLE FOR ANY FAILURE IF THE ASSEMBLING INSTRUCTIONS AND THE DRAWING ARE NOT STRICTLY RESPECTED.

ANY ADDITIONAL WELD CAN INDUCE UNDESIRABLE STRESSES IN THE FRAME AND MUST BE PROHIBITED.

ALL THE WELDS MUST BE PERFORMED ONLY WITH THE ELECTRODE TYPE SPECIFIED IN THE INSTALLATION INSTRUCTIONS TO THE EXCLUSION OF ANY OTHER TYPE, EXCEPT WITH THE WRITTEN AGREEMENT OF VEGA LTD.

THIS DRAWING IS ONLY VALID FOR A MILL RUNNING **COUNTER CLOCKWISE** WHEN LOOKING FROM INLET TOWARDS OUTLET.

THE SIZE OF THE MINIMUM RECTANGULAR OPENING, NECESSARY TO INTRODUCE THE FRAME PARTS INTO THE MILL IS 410×500 MM

ALL THE FRAME PARTS MUST BE INTRODUCED THROUGH THE MILL INLET TRUNNION.

THE WEARING PARTS, SUCH AS GRATE PLATES OR BACK SIDE PLATES, CAN PASS THROUGH THE MANHOLE OPENING

MAX. PERMISSIBLE TORQUE FOR DRYING DIAPHRAGM GRATE PLATE BOLTS 800 Nm.

TOTAL WEIGHT OF DIAPHRAGM = 10950.0 KG. (APPROX.)

SR.NO.	QTY	DESCRIPTION	POS.	REMARKS	UNIT.	WT.Kg.
47	17	Fastener	44			11.4
46	17	Central fastener	43	WB/5234/31		6
45	46	Hex.head bolt	340	M24x70 DIN 933-8.8		0.33
44	84	Safety washer	306	FOR M24		0.03
43	34	Hex.head bolt	24115	M24x115L. DIN 933-8.8		0.45
42						
41						
40	68	Plain washer	352	NMG-451 FOR M33		0.07
39	68	Rd.ctsk.reversed key head plow bolt	33122	M33x25x140L.		1.0
38	119	Conical bushing	33-1	W5/1148/30_A		0.04
37	51	Round ctsk. head screw with hexagonal socket	3061	M33x25x145L.		1.35
36	68	Round ctsk. head screw with hexagonal socket	306	M33x25x110L.		0.9
35	187	Safety nut	300	M33x2		0.36
34						
33	164	Hex.nut	24000	M24 DIN 934-B		0.11
32	118	Plain washer	24001	For M24		0.02
31	84	Hex.head bolt	340	M24x85 DIN 933-8.8		0.4
30	136	Hex.socket countersunk head screw	2071	M20x80 DIN 7991-8.8		0.16
29	34	Hex.head bolt	2070	M20x70 DIN 933		0.18
28	136	Plain washer	2001	For M20		0.02
27	170	Hex.nut	2000	M20 DIN 934-B		0.06
26	17	Hex.head bolt	2040	M20x40 DIN 933		0.15
25						
24	1	Screen with discharge cone (In 2 pieces)	6	WB/5234/24		393
23	68	Shielding plate	40			7
22	1	Flange section (3/17)	6-2	WB/5234/32		30.5
21	7	Flange section (2/17)	6-1			20
20	17	Drying compartment side plate	8	WB/5234/30		35
19	06	Peripheral assembly jig	7-1	WB/5234/29		3.5
18	1	Central assembly jig (in two parts)	7	WB/5234/28		60
17	17	Peripheral grate plate (Slot size=20mm)	28-20	WB/5234/19		85.1
16	17	Central grate plate (Slot size=20mm)	27-20	WB/5234/18		90
15	17	Filler bar	8-1	WB/5234/17		19
14	1	Central ring (In 2 pieces)	2	WB/5234/27		86.7
13						
12	17	Frontal plate	5	WB/5234/26		54
11	9	Pillar	4	WB/5234/22		167
10	1	Frame section-2	3	WB/5234/21		200
9	7	Frame section-1	1	WB/5234/20		182
8	17	Erection angle	13-1			2.8
7						
6	1	Peripheral ring section (5/17)	14			312
5	3	Peripheral ring section (4/17)	13			250
4	44	Adjusting shim (5mm Thk.)	20	WB/5234/23		1.4
3	44	Adjusting shim (3mm Thk.)	19			0.9
2	34	Adjusting shim (2mm Thk.)	18			0.6
1	34	Adjusting shim (1mm Thk.)	17			0.3

BILL OF MATERIAL

REV	DATE	DESCRIPTION	ZONE	BY

VEGA INDUSTRIES LTD.

CEMENTOWNIA ODRA
RAW MILL # 1 ; $\phi 3400 \times 11060$ L

GENERAL ARRANGMENT FOR DRYING DIAPHRAGM

DRG. NO. WB/5234/25
REF.DRG. NO.

SCALE 1:8

DATE 8/10/10

DRN CHKD APPD

SIGN

REV. 00
CAD

ALL DIMENSIONS ARE IN MM.

DO NOT SCALE. DRG. IN DOUBT PLASK