

25/16 t x 20/32 m PORTAL WHARF CRANE  
for Thessaloniki

Machine House and Machine House Roof  
Electric Equipment

List of Parts and Components

Designed by: Antal Haraszti

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Checked by: József Nagy

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Total Nos.of Sheets: 7

Mass: 10.070.-kg

Drwg.No.: J46-33-012-8096

RG-86-011

GANZ DANUBIUS  
Hajó és Darugyár  
Rajzfelvétel  
15.

Serial No.	Qty, Nos. off	Designation, type and drwg.No.	Mass		Notes
			per unit	total	
			<u>in kgs.</u>		
1.	-	Installation materials I Drwg.No. J 46-33-781-8116	-	-	
2.	-	Shields with texts, assembly drawing Drwg.No. J 46-33-732-8123	-	-	
3.	-	Earthing diagramme Drwg.No. J 46-33-727-8125	-	-	
4.	-	Cabling diagramme Drwg.No. J 46-33-727-8154	-	-	
5.	1	Mounting the slewing switchboard Drwg.No. J 46-33-772-8097	359.-		
6.	1	Mounting the jib luffing and transformer switch- board Drwg.No. J 46-33-773-8098	370.-		
7.	1	Mounting the hoisting switchboard Drwg.No. J 46-33-774-8100	244.-		
8.	1	Mounting the grabbing switchboard Drwg.No. J 46-33-774-8101	248.-		
9.	4	Mounting junction box E 4-4 Drwg.No. Y 230-33-8113	4.-	16.-	VIV

Serial No.	Qty, Nos. off	Designation, type and drwg.No.	Mass per unit total in kgs	Notes
10.	9	2x120E resistor frames	53.- 477.-	
11.	3	2x40E resistor frames	43.- 129.-	
12.	1	Motor CZD315 M6, complete with thermistor thermal detector P = 100 kW Duty factor: 60% Speed = 985 r.p.m. $n_{\max} = 2000$ r.p.m. $U_1 = 380V \pm 10\%$ $I_1 = 183$ A $U_2 = 368$ V $I_2 = 167$ A Type of protection: IP44 Class of insulation: F/F Building form: IM1001/B3, with one standard tapered shaft end and terminal box on the left side	1.357.-	EVIG Hoisting
13.	1	Motor CZD 315M6, complete with thermistor thermal detector P = 100 kW Duty factor: 60% Speed = 985 r.p.m. $n_{\max} = 2000$ r.p.m. $U_1 = 380 \pm 10\%$ $I_1 = 183$ A	1.357.-	EVIG Grabbing



Serial No.	Qty, Nos. off	Designation, type and drwg.No.	Mass per unit total in kgs	Notes
		$U_2 = 368 \text{ V}$ $I_2 = 167 \text{ A}$ Type of protection: IP44 Class of insulation: F/F Building form: IM1001/B3, complete with one standard shaft end and terminal box on the right side		
14.	2	Motors CZD 250 Mh6, complete with thermistor thermal detector $P = 26 \text{ kW}$ Duty factor = 60% Speed = 975 r.p.m. $n_{\max} = 2000 \text{ r.p.m.}$ $U_1 = 380 \pm 10\% \text{ 50 Hz}$ $I_1 = 53 \text{ A}$ $U_2 = 170 \text{ V}$ $I_2 = 98 \text{ A}$ Type of protection: IP54 Class of insulation: F/F Building form: IM 3011/V1/, complete with one standard tapered shaft end.	635.- 1.370.-	EVIG Slewing
15.	4	Electrohydraulic brake thrustors, Type ED80/6 Type: 2LL5041-1-Z $L30+L34+L35+L25+L26$	23.- 92.-	SIEMENS Hoisting
16.				

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17.	2 sets	of starter resistors Type 3K53/40+3K53/120 $R_i = 0.8$ ohm/phase $R_f = 5$ ohm/phase	480.- 960.-	EVIG Slewing <i>Antw. 17.04.66.</i>
18.	2 sets	of starter resistors Type 6K53/120 $R_i = 0.68$ ohm/phase $R_f = 2,5$ ohm/phase	720.- 1.440.-	EVIG Hoisting <i>Aw. 17.04.66.</i>
19.	1	Complementary resistor, Type K53/120 $R_e = 10,4$ ohm/phase	120.- 120.-	Hoisting
20.	-			
21.	1	Magneto telephone set Type WSR, without battery	5.- 5.-	HAGENUK
22.	1	Differential limit switch 2DGE1/KSP/MZ2 IP55	25.- 25.-	STEMMANN
23.	2	Spindle-type limit switches Type HGE12-4/35FI IP55	2.1 4.2	STEMMANN
24.	10	Lever-type roller auxiliary- -circuit limit switches 3SE3-100-1E IP55	0.25 2.5	SIEMENS
25.	2	Fans 2CC 4504-1AA2 380 V 50 Hz $\phi = 500$ mm	19.- 38.-	SIEMENS

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26.	2	Protective nettings 2Cx2 025 D = 500 mm	1.8	3.6	SIEMENS
27.	2	Louvres 2Cx2161 D = 500 mm	2.5	5.-	SIEMENS
28.	3	Two-pole cutoff switches, Type 1133/2/P 250 V, 10 A, IP56	0.9	2.7	H+M
29.	1	250 V, 10A, IP56 change- -over switch Type 1133/2/WE	0.8	0.8	H+M
30.	1	42 V, 10A, IP56 plug receptacle case, Type 2072	0.8	0.8	H+M
31.	1	380 V, 50 Hz, 3x32A + E IP56 plug receptacle case, Type 32/L	5.2	5.2	H+M
32.	1	Plug receptacle case Type 1144/P	1.155	1.155	H+M
33.	16	220 V, 100 W, E27, IP56 machine house lights, Type 1031/D	1.53	24.48	H+M
34.	16	220 V, 60 W, E27 incandes- cent bulbs	0.05	0.8	
35.	1	Overload protecting device and mode control box Drwg.No. J 46-33-717-8102	600.-		VIV
36.	2	Dynamometer cells KM.S.3-100kN	5.-	5.-	STEMMANN



Serial No.	Qty, Nos. off.	Designation, type and drwg.No.	Mass per unit	total	Notes
37.	2	Measuring preamplifiers to dynamometer cells /to Pos.No. 36/	2.-	4.-	STEMMANN
38.	1	Magnet duty control box	600.-		STEINERT
39.					
40.	1	Complete electric hoisting drum	200.-		DEMAG