



EBARA

30Y

3" OIL FILLED SUBMERSIBLE MOTORS



30Y

3" SUBMERSIBLE MOTORS

oil filled



TECHNICAL DATA

- Cooling with atossic dielectric liquid
- Axial thrust 1200 N
- Single phase version from 0,37 kW up to 0,75 kW
three phase version from from 0,37 kW up to 1,1 kW
- Insulation class F – protection degree IP 68
- Easy coupled shaft overhang
- Shaft output in AISI 303
- High resistance nickel cast iron bracket
- Rewindable

TECHNICAL DATA - 30Y single phase 50Hz

50Hz	Model	Thrust N	Weight kg	H mm	kW	P ₂ HP	I _n Amp	I _{start}	rpm	Cosφ	T _s /T _n	Eff%	μF
230V single phase	3OYM 0,50 HP	1200	6	377	0,37	0,5	3,75	8,8	2800	0,96	0,58	51	16
	3OYM 0,75 HP	1200	6,4	397	0,55	0,75	4,50	12,2	2800	0,98	0,54	55	20
	3OYM 1,00 HP	1200	6,8	416	0,75	1	5,85	14,5	2800	0,98	0,55	57	25

TECHNICAL DATA - 30Y three phase 50Hz

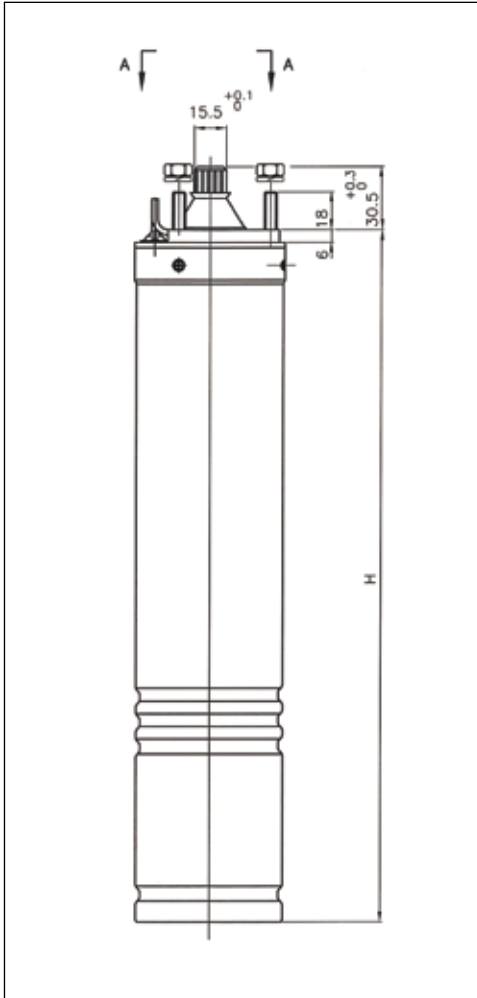
50Hz	Model	Thrust N	Weight kg	H mm	kW	P ₂ HP	I _n Amp	I _{start}	rpm	Cosφ	T _s /T _n	Eff%	μF
400V three phase	3OYT 0,5 HP	1200	6	377	0,37	0,5	2,00	8,0	2800	0,71	2,1	51	/
	3OYT 0,75 HP	1200	6,1	377	0,55	0,75	2,10	9,1	2800	0,75	2	56	/
	3OYT 1,00 HP	1200	6,4	397	0,75	1	2,50	11,7	2800	0,75	2	63	/
	3OYT 1,50 HP	1200	6,8	416	1,1	1,5	3,20	14,0	2800	0,75	2	63	/

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DIMENSIONS - 30Y 50Hz



DIMENSIONS TABLE - 30Y 50Hz

Type	kW	HP	Thrust	H mm	Weight kg
30YM 0,50 HP	0,37	0,5	1200	377	6
30YM 0,75 HP	0,55	0,75	1200	397	6,4
30YM 1,00 HP	0,75	1	1200	416	6,8
30YT 0,5 HP	0,37	0,5	1200	377	6
30YT 0,75 HP	0,55	0,75	1200	377	6,1
30YT 1,00 HP	0,75	1	1200	397	6,4
30YT 1,50 HP	1,1	1,5	1200	416	6,8

CABLE SELECTION - e.g.: 0,75 kW motor - 230V single phase - cable length 75 m = 4x2,5 mm²

Motor	HP	kW	Cable type				
			4x1	4x1,5	4x2,5	4x4	4x6
3" Single phase 230V	0,5	0,37	50	75	125	-	-
	0,75	0,55	38	57	95	152	-
	1	0,75	30	45	75	120	174
3" Three phase 400V	0,5	0,37	240	-	-	-	-
	0,75	0,55	164	246	-	-	-
	1	0,75	133	200	233	-	-
	1,5	1,1	97	146	244	390	-



EBARA Pumps Europe S.p.A.

Via Torri di Confine 2/1 int. C
36053 Gambellara (Vicenza), Italy
Tel. +39 0444 706811
Fax +39 0444 405811
ebara_pumps@ebaraeurope.com
www.ebaraeurope.com

EBARA Corporation

11-1, Haneda Asahi-cho, Ota-ku,
Tokyo 144-8510
Japan
Tel. +81 3 6275 7598
Fax +81 3 5736 3193
www.ebara.com

