

NOCCHI MOTORS 4"-6"

ELECTRIC MOTORS Ø 4" -6" FOR ELECTRIC SUBMERSIBLE PUMPS

4" SINGLE PHASE

Code	Model	V	Axial thrust N	kW	Hp	In A	I start A	RPM	CosØ	Ts/Tn	EFF %	C run µF	Weight (kg)	H mm	Cable length (m)
222P0590	4ESM kW0.37/HP 0.5 1~230V 50Hz	1-230	1500	0.37	0.5	3.4	11	2850	0.91	0.65	58	16	6.8	250	1.75
222P0600	4ESM kW0.55/HP 0.75 1~230V 50Hz	1-230	1500	0.55	0.75	4.4	16.6	2840	0.92	0.63	62	20	8.1	265	1.75
222P0610	4ESM kW0.75/HP 1 1~230V 50Hz	1-230	1500	0.75	1	5.9	19.8	2860	0.94	0.62	65	30	10.6	295	1.75
222P0620	4ESM kW1.1/HP 1.5 1~230V 50Hz	1-230	3000	1	1.5	7.8	29.5	2850	0.94	0.62	66	40	11.2	340	1.75
222P0630	4ESM kW1.5/HP 2 1~230V 50Hz	1-230	3000	1.5	2	10.2	36.4	2850	0.95	0.61	68	50	14	375	1.75

4" THREE PHASE

Code	Model	V	Axial thrust N	kW	Hp	In A	I start A	RPM	CosØ	Ts/Tn	EFF %	Weight (kg)	H mm	Cable length (m)
221P1190	4ESM kW0.37/HP 0.5 3~400V 50Hz	3-400	1500	0.37	0.5	1.2	5.1	2840	0.73	2.1	63	5.8	235	1.75
221P1200	4ESM kW0.55/HP 0.75 3~400V 50Hz	3-400	1500	0.55	0.75	1.7	6.5	2840	0.73	2	64	7	250	1.75
221P1210	4ESM kW0.75/HP 1 3~230V 50Hz	3-230	1500	0.75	1	3.8	15.9	2840	0.75	1.9	67	8.3	265	1.75
221P1220	4ESM kW0.75/HP 1 3~400V 50Hz	3-400	1500	0.75	1	2.2	9.2	2840	0.75	1.9	67	8.3	265	1.75
221P1230	4ESM kW1.1/HP 1.5 3~230V 50Hz	3-230	1500	1.1	1.5	5.2	24.6	2840	0.76	2.3	71	10.9	295	1.75
221P1240	4ESM kW1.1/HP 1.5 3~400V 50Hz	3-400	3000	1.1	1.5	3	14.2	2840	0.76	2.3	71	10.9	295	1.75
221P1360	4ESM kW1.5/HP 2 3~230V 50Hz	3-230	3000	1.5	2	6.09	32	2830	0.78	2.1	72	11.4	340	1.75
221P1250	4ESM kW1.5/HP 2 3~400V 50Hz	3-400	3000	1.5	2	4	18.5	2830	0.78	2.1	72	11.4	340	1.75
221P1260	4ESM kW2.2/HP 3 3~400V 50Hz	3-400	3000	2.2	3	5.6	26.5	2830	0.79	2.4	74	14.2	375	2.5
221P1270	4ESM kW3/HP 4 3~400V 50Hz	3-400	6500	3	4	7.5	34.3	2830	0.79	2.2	76	18.3	480	2.5
221P1280	4ESM kW4/HP 5.5 3~400V 50Hz	3-400	6500	4	5.5	10.1	44	2840	0.77	2.3	75	23.4	555	2.5
221P1290	4ESM kW5.5/HP 7.5 3~400V 50Hz	3-400	6500	5.5	7.5	13.6	62	2840	0.8	2.2	76	29.4	675	4

6" THREE PHASE

Code	Model	V	Axial thrust N	kW	Hp	In A	RPM	CosØ	EFF %	Weight (kg)	H mm	Cable length (m)
222P1310	6ESM kW 7.5/HP 10 3~400V 50Hz	3-400	15500	7.5	10	17.6	2820	0.82	77	49	668	4
222P1320	6ESM kW 11/HP 15 3~400V 50Hz	3-400	15500	11	15	24.6	2830	0.85	78	56	734	4
222P1330	6ESM kW 15/HP 20 3~400V 50Hz	3-400	15500	15	20	32.8	2830	0.86	78.5	64	819	4
222P1340	6ESM kW 18.5/HP 25 3~400V 50Hz	3-400	15500	18.5	36	39.5	2830	0.87	80	72	891	4
222P1350	6ESM kW 22/HP 30 3~400V 50Hz	3-400	15500	22	30	44	2830	0.89	83.7	83	971	4

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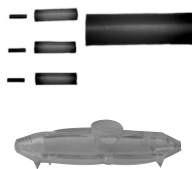
SELECTION OF ELECTRIC CABLE FOR SUBMERSIBLE PUMPS



Motor 4ESM	HP	kW	CABLE SECTION (mm²)					
			4X1	4X1.5	4X2.5	4X4	4X6	4X10
SINGLE PHASE 230V/50Hz	0.5	0.37	50	75	125			
	0.75	0.55	38	57	65	152		
	1	0.75	30	45	75	120	174	
	1.5	1.1	22	33	53	85	127	210
	2	1.5		23	38	63	92	154
	3	2.2			28	45	67	112
THREE PHASE 400V/50Hz	0.5	0.37	240					
	0.75	0.55	164	246				
	1	0.75	133	200	333			
	1.5	1.1	97	146	244	390		
	2	1.5	72	109	180	290	435	
	3	2.2	51	78	130	207	310	516
	4	3	41	62	104	167	250	416
	5.5	4	31	46	77	124	186	310
	7.5	5.5		33	56	90	135	225
THREE PHASE 230V/50Hz	0.5	0.37	90	135				
	0.75	0.55	60	90	150	240		
	1	0.75	47	71	118	190		
	1.5	1.1	35	52	87	140	210	
	2	1.5	26	40	66	106	160	266
	3	2.2		29	48	76	115	191
	4	3			37	60	90	150
	5.5	4			27	44	66	110
	7.5	5.5				32	48	80

Motor 6ESM	HP	kW	CABLE SECTION (mm²)					
			4X4	4X6	4X10	4X16	4X25	4X35
THREE PHASE 400V/50Hz	7.5	5.5	108	161	265	415		
	10	7.5	84	126	207	325		
	15	11	59	87	144	223	347	
	20	15		65	107	167	258	350
	25	15.5			87	136	210	295
	30	22			75	117	181	246

CABLES AND SPLICING

	ZA000420 ZA000430 ZA000440 ZA000450 ZA000460 ZA000470	CABLE 4X1 CABLE 4X1.5 CABLE 4X2.5 CABLE 4X4 CABLE 4X6 CABLE 4X10	NEOPRENE CABLE H07 RNF 4-WIRE, 1 MM2. NEOPRENE CABLE H07 RNF 4-WIRE, 1.5 MM2. NEOPRENE CABLE H07 RNF 4-WIRE, 2.5 MM2. NEOPRENE CABLE H07 RNF 4-WIRE, 4 MM2. NEOPRENE CABLE H07 RNF 4-WIRE, 6 MM2. NEOPRENE CABLE H07 RNF 4-WIRE, 10 MM2.
	ZA003370 ZA003390 ZA003380 ZA009410 ZA009430 ZA009450	2.5 SPLICING KIT 6 SPLICING KIT 10 SPLICING KIT 2.5 SPLICE 6 SPLICE 10 SPLICE	KIT FOR HEATSHRINK SPLICING ON CABLES UP TO 4 X 2.5 KIT FOR HEATSHRINK SPLICING ON CABLES UP TO 4 X 6 KIT FOR CAST RESIN SPLICING ON CABLES UP TO 4X10 HEATSHRINK SPLICE 1 - 2.5 mm2 HEATSHRINK SPLICE 4 - 6 mm2 CAST RESIN SPLICE UP TO 4 X 10 mm2