



SELECTION OF THE POWER CABLE

Sumoto

Example:

Motor 1,1kW, 230V-single phase, cable length 37m. Result is: 4x2,5mm²

Motor		kW	HP	Cable type and length maximum limit							
				4x1	4x1.5	4x2.5	4x4	4x6	4x10	4x16	
Single phase 230V - 50Hz	OYM 050	0.37	0.5	50	75	128					
	OYM 075	0.55	0.75	38	57	95	152				
	OYM 100	0.75	1	30	45	75	120	174			
	OYM 150	1.1	1.5	22	33	53	85	127	210		
	OYM 200	1.5	2		23	38	63	92	154	246	
	OYM 300	2.2	3			28	45	67	112	180	
Three phase 380V - 50Hz	OYT 050	0.37	0.5	240							
	OYT 075	0.55	0.75	164	246						
	OYT 100	0.75	1	133	200	333					
	OYT 150	1.1	1.5	97	146	244	390				
	OYT 200	1.5	2	72	109	180	290	435			
	OYT 300	2.2	3	51	78	130	207	310	516		
	OYT 400	3	4	41	62	104	167	250	416		
	OYT 550	4	5.5	31	46	77	124	186	310	496	
Three phase 220V - 50Hz	OYT 050	0.37	0.5	90	135						
	OYT 075	0.55	0.75	60	90	150	240				
	OYT 100	0.75	1	47	71	118	190				
	OYT 150	1.1	1.5	35	52	87	140	210			
	OYT 200	1.5	2	26	40	66	106	160	266		
	OYT 300	2.2	3		29	48	76	115	191	306	
	OYT 400	3	4			37	60	90	150	240	
	OYT 550	4	5.5			27	44	66	110	176	
OYT 750	5.5	7.5				32	48	80	128		