

Electrical Characteristics

400V 50Hz 3000 rpm

Duty Cycle : S1 (Continuous Operation)
 Insulation Class : F (155°C)
 Temperature Rise : B (80°K)



Voltage (V)	Type	Rated Values								Starting Values		Break Down Torque	Moment of Inertia	B3 Motor Weight	Sound Pressure Level
		Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
		kW	rpm	A	Nm	Cos φ	4/4	3/4	1/2	I_A/I_N	M_A/M_N				
230/400	2EL063M2A	0,18	2800	0,50	0,61	0,77	67,5	66,0	62,0	4,5	2,9	3,0	0,00012	3,80	51
	2EL063M2B	0,25	2800	0,67	0,85	0,78	69,0	68,0	63,5	4,5	2,9	3,0	0,00015	4,20	51
	2EL071M2A	0,37	2790	0,90	1,26	0,80	74,2	74,5	72,5	5,0	2,5	2,8	0,00031	5,50	54
	2EL071M2B	0,55	2790	1,27	1,88	0,82	75,8	77,0	76,0	5,0	2,8	2,9	0,00037	6,30	54

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400V 50Hz 1500 rpm

Duty Cycle : S1 (Continuous Operation)
 Insulation Class : F (155°C)
 Temperature Rise : B (80°K)



Voltage (V)	Type	Rated Values								Starting Values		Break Down Torque	Moment of Inertia	B3 Motor Weight	Sound Pressure Level
		Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
		kW	rpm	A	Nm	Cos φ	4/4	3/4	1/2	I_A/I_N	M_A/M_N				
230/400	2EL063M4B	0,12	1400	0,42	0,82	0,70	60,1	60,5	54,5	3,0	2,1	2,3	0,00018	3,60	42
	2EL063M4C	0,18	1400	0,56	1,23	0,71	64,7	65,8	61,5	3,0	2,1	2,3	0,00022	4,20	42
	2EL071M4B	0,25	1425	0,71	1,68	0,69	74,0	73,5	70,5	4,4	2,0	3,0	0,00067	5,90	46
	2EL071M4C	0,37	1425	1,00	2,47	0,70	76,1	75,5	71,5	4,6	2,0	3,0	0,00082	6,70	46
	2EL080M4B	0,55	1440	1,45	3,65	0,71	77,1	76,7	75,0	5,2	2,0	3,0	0,00175	9,70	50

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400V 50Hz 1000 rpm

Duty Cycle : S1 (Continuous Operation)
 Insulation Class : F (155°C)
 Temperature Rise : B (80°K)



Voltage (V)	Type	Rated Values								Starting Values		Break Down Torque	Moment of Inertia	B3 Motor Weight	Sound Pressure Level
		Power	Speed	Current	Torque	Power Factor	Efficiency % η			Current	Torque				
		kW	rpm	A	Nm	Cos φ	4/4	3/4	1/2	I_A/I_N	M_A/M_N				
230/400	2EL071M6B	0,18	920	0,60	1,87	0,67	64,5	63,0	57,0	3,2	1,9	2,3	0,00076	5,90	42
	2EL071M6C	0,25	920	0,78	2,59	0,69	66,5	66,0	61,0	3,3	1,9	2,3	0,00096	6,60	42
	2EL080M6A	0,37	925	1,08	3,82	0,69	71,4	71,5	70,0	4,0	2,0	2,6	0,00176	9,10	45
	2EL080M6B	0,55	932	1,50	5,64	0,72	73,5	74,0	71,0	4,2	2,1	2,6	0,00202	9,90	45

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