ECC Series Technical Data (at 400V)

Table 3

Model	Rated output (KW)	At full load				Locked current	Locked torque	Max torque	Net weight (kg)	Noise level dB(A)	
		Speed (r/min)	Current (A)	Eff. (%)	Power factor (cos ϕ)	Rated current	Rated torque	Rated torque		I	II
Synchronous Speed 3000r/min 50Hz											
63M1	0.18	2730	0.5	65	0.80	5.5	2.2	2.2	5	61	63
63M2	0.25	2800	0.7	68	0.81				5.4		
71M1	0.37	2760	1.0	70		6.1			7.8	64	66
71M2	0.55	2800	1.4	73	0.82			2.3	10		
80M1	0.75	2830	1.8	75	0.83				16	67	69
80M2	1.1		2.5	77	0.84	7			17		
90S	1.5	2840	3.3	79					22	72	74
90L	2.2		4.6	81	0.85				25		
100L	3	2860	6.0	83	0.87	7.5			33	76	78
112M	4	2880	7.7	85	0.88				45	77	79
132S1	5.5	2900	10.5	86					64	80	82
132S2	7.5		14.1	87					70		
160M1	11	2930	20.3	88	0.89				117	86	88
160M2	15		27.3	89					125		
160L	18.5		33	90	0.90				147		
180M	22	2940	39.2	90			2		180	89	91
200L1	30	2950	52.8	91.2					240	92	94
200L2	37		64.5	92					255		
225M	45	2970	78.2	92.3					309		
250M	55		95.4	92.5					403	93	95
280S	75		129.3	93					544	94	96
280M	90		152.2	93.8	0.91				620		
315S	110	2980	185.6	94		7.1	1.8	2.2	980	96	98
315M	132		221.6	94.5					1080		
315L1	160		265.4	94.6	0.92				1160	99	101
315L2	200		331.0	94.8					1190		
355M	250		411.6	95.3			1.6		1760	103	105
355L	315		517.0	95.6					1850		
Synchronous Speed 1500r/min 50Hz											
63M1	0.12	1320	0.4	57	0.72	4.4	2.1	2.2	5.2	52	57
63M2	0.18		0.6	60	0.73				5.5		
71M1	0.25	1350	0.8	65	0.74	5.2			7	55	60
71M2	0.37	1340	1.1	67	0.75				7.5		
80M1	0.55	1390	1.5	71			2.4	2.3	17	58	63
80M2	0.75		2.0	73	0.76	6	2.3		18		
90S	1.1	1390	2.8	75	0.77				22	61	66
90L	1.5		3.5	78	0.79				27		
100L1	2.2	1410	4.9	80	0.81				34	64	69
100L2	3		6.5	82	0.82	7			38		
112M	4	1440	8.4	84					43	65	70
132S	5.5	1440	11.3	85	0.83				68	71	76
132M	7.5		14.8	87	0.84				81		
160M	11	1460	21.5	88			2.2		123	75	80
160L	15		30.1	89	0.85	7.5			144		79
180M	18.5	1470	34.3	90.5	0.86				182	76	80
180L	22		40.6	91					190		
200L	30		54.7	92		7.2			270	79	83
225S	37	1480	66.4	92.5	0.87				284	81	85
225M	45		80.5	92.8					320		84
250M	55		98.1	93					427	83	86
280S	75		132.7	93.8					562	86	89
280M	90		158.5	94.2					667		
315S	110	1490	191.0	94.5	0.88	6.9	2.1	2.2	1000	93	96
315M	132		228.4	94.8					1100		
315L1	160		273.4	94.9	0.89				1160	97	100
315L2	200		334.4	95					1270		
355M	250		420.7	95.3	0.90				1700	101	104
355L	315		528.4	95.6					1850		