

T 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)					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				10		
80M1	0.75	2830	1.8	75	0.83	7		16	67	69	
80M2	1.1		2.5	77	0.84			17			
90S	1.5	2840	3.3	79				0.85	2.2	22	72
90L	2.2		4.6	81	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				2.3	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	2940	33	90	7.5		147	89	91		
180M	22		39.2	90			180				
200L1	30		2950	52.8		91.2	0.90	240	92	94	
200L2	37			64.5		92		255			
225M	45	2970	78.2	92.3	2	309		93	95		
250M	55		95.4	92.5		403					
280S	75		129.3	93		620	544	94	96		
280M	90		152.2	93.8			0.91			980	96
315S	110	2980	185.6	94	7.1	1.8	2.2	1080	99	101	
315M	132		221.6	94.5				1160			
315L1	160		265.4	94.6				1190	103	105	
315L2	200		331.0	94.8				1760			
355M	250	315	411.6	95.3	7.1	1.6	2.2	1850	103	105	
355L	315		517.0	95.6				0.92			
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	6	2.4	2.3	17	58	63	
80M2	0.75		2.0	73				0.76			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	7		34	64	69	
100L2	3		6.5	82	0.82			38			
112M	4	1440	8.4	84				0.83	2.3	43	65
132S	5.5	1440	11.3	85	68					71	76
132M	7.5		14.8	87	0.84	81					
160M	11	1460	21.5	88	7.5	2.2	123			75	80
160L	15		30.1	89			0.85	144	76		
180M	18.5	1470	34.3	90.5			7.2	182		79	83
180L	22		40.6	91				0.86	190		
200L	30		54.7	92	0.87			270	83	86	
225S	37		66.4	92.5				0.88			284
225M	45	80.5	92.8	6.9			320		93	96	
250M	55	98.1	93				7.2				427
280S	75	132.7	93.8		0.89	562			101	104	
280M	90	158.5	94.2			0.90		667			101
315S	110	191.0	94.5	6.9				1000	93	96	
315M	132	228.4	94.8				7.2	1100			97
315L1	160	273.4	94.9		0.89			1160	97	100	
315L2	200	334.4	95			0.90		1270			97
355M	250	420.7	95.3	0.90				1700	101	104	
355L	315	528.4	95.6				0.90	1850			101