

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		2.3	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		7	22	72	74						
90L	2.2		4.6	81	25												
100L	3	2860	6.0	83	0.87	7.5	2	33	76	78							
112M	4	2880	7.7	85	0.88			45	77	79							
132S1	5.5	2900	10.5	86		0.89		64	80	82							
132S2	7.5		14.1	87	70												
160M1	11	2930	20.3	88	0.90	7.1		1.8	2.2	117	86	88					
160M2	15		27.3	89						125							
160L	18.5	33	90	147	89					91							
180M	22	2940	39.2	90							180						
200L1	30	2950	52.8	91.2	0.90		2			240	92	94					
200L2	37		64.5	92						255							
225M	45	2970	78.2	92.3	0.91					7.1	1.6	2.2	309	93	95		
250M	55		95.4	92.5									403				
280S	75		129.3	93		544		94	96								
280M	90		152.2	93.8		620											
315S	110		2980	185.6		94		0.92	7.1				1.8	2.2	980	96	98
315M	132			221.6		94.5									1080		
315L1	160	265.4		94.6	1160	99	101										
315L2	200	331.0		94.8	1190												
355M	250	411.6		95.3	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			2.4	2.3	7	55	60				
71M2	0.37	1340	1.1	67	0.75						7.5						
80M1	0.55	1390	1.5	71	6	2.3	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	2.3	34	64	69					
100L2	3		6.5	82	0.82					38							
112M	4	1440	8.4	84						0.83	43	65	70				
132S	5.5	1440	11.3	85	0.84						68	71	76				
132M	7.5		14.8	87		81											
160M	11	1460	21.5	88	0.85	7.5	2.2			2.3	123	75	80				
160L	15		30.1	89							144						
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	6.9		2.1	2.2	284	81	85		
225M	45	80.5		92.8	320			83					86				
250M	55	98.1		93	427									86	89		
280S	75	132.7		93.8	562												
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					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													