



Standard	IEC 60034
Area	Safe Area
Type	TCA 160M06
Poles	6 pole
Frame size	160M
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	400/690V 50Hz, 460VY 60Hz

	at 50Hz	at 60Hz*	at 60Hz**	
Output	7.5 kW	7.5 kW	8.6 kW	*Nominal (50Hz) Output
Speed	978 rpm	1181 rpm	1177 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	15.7 A	n/a	n/a	
Current at 400V 50Hz	14.9 A	n/a	n/a	
Current at 415V 50Hz	14.4 A	n/a	n/a	
Current at 460V 60Hz	n/a	12.9 A	14.6 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	89.1%	91.0%	89.5%	
Efficiency at 75% load	89.1%	90.4%	89.5%	
Efficiency at 50% load	89.1%	88.8%	89.5%	
Power factor (cos fi)	0.82	0.80	0.83	
Torque	72.8 Nm	60.3 Nm	69.8 Nm	
Starting current [ratio]	5.6	6.3	5.7	
Starting torque [ratio]	1.8	2.0	1.7	
Breakdown torque [ratio]	2.4	2.8	2.4	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	140. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.2077 kg.m²			

