



Standard	IEC 60034
Area	Safe Area
Type	TCA 180LA06
Poles	6 pole
Frame size	180L
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	15. kW	15. kW	18. kW	*Nominal (50Hz) Output
Speed	984 rpm	1186 rpm	1183 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	31.9 A	n/a	n/a	
Current at 400V 50Hz	30.3 A	n/a	n/a	
Current at 415V 50Hz	29.2 A	n/a	n/a	
Current at 460V 60Hz	n/a	26.7 A	30.5 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	91.2%	91.7%	91.7%	
Efficiency at 75% load	91.2%	91.8%	91.7%	
Efficiency at 50% load	90.6%	90.1%	91.1%	
Power factor (cos fi)	0.78	0.77	0.81	
Torque	145. Nm	120. Nm	145. Nm	
Starting current [ratio]	6.9	7.8	6.8	
Starting torque [ratio]	2.4	2.7	2.3	
Breakdown torque [ratio]	2.9	3.3	2.7	
Insulation class	F (155°C)/ temperature rise B (80K)			
Protection	IP55			
Weight	222. kg			
Available Mounting	B3; B5; B3/B5; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.337 kg.m²			

