



Standard	IEC 60034
Area	Safe Area
Type	TCA 160LB06
Poles	6 pole
Frame size	160L
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	11. kW	11. kW	12.7 kW
Speed	980 rpm	1182 rpm	1180 rpm
Current at 380V 50Hz	23. A	n/a	n/a
Current at 400V 50Hz	21.9 A	n/a	n/a
Current at 415V 50Hz	21.1 A	n/a	n/a
Current at 460V 60Hz	n/a	19.1 A	21.6 A
Efficiency class	IE3	IE3	IE2
Efficiency at 100% load	90.3%	91.7%	90.2%
Efficiency at 75% load	90.3%	91.1%	90.2%
Efficiency at 50% load	89.9%	89.4%	90.2%
Power factor (cos fi)	0.80	0.79	0.82
Torque	109. Nm	90.4 Nm	103. Nm
Starting current [ratio]	6.1	6.9	6.3
Starting torque [ratio]	2.1	2.4	2.1
Breakdown torque [ratio]	2.7	3.0	2.7

\*Nominal (50Hz) Output

\*\*Increased (60Hz) Output

Insulation class	F (155°C)/ temperature rise B (80K)
Protection	IP55
Weight	163. kg
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; V1
Thermal Protection	3x PTCs
Moment of Inertia	0.1548 kg.m²

