

Standard	IEC 60034
Area	Safe Area
Type	TCA 250MA02
Poles	2 pole
Frame size	250M
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	55. kW	55. kW	62. kW
Speed	2980 rpm	3582 rpm	3580 rpm
Current at 380V 50Hz	98.2 A	n/a	n/a
Current at 400V 50Hz	93.3 A	n/a	n/a
Current at 415V 50Hz	90. A	n/a	n/a
Current at 460V 60Hz	n/a	82.4 A	92.4 A
Efficiency class	IE3	IE3	IE3
Efficiency at 100% load	94.3%	93.6%	93.6%
Efficiency at 75% load	94.3%	93.6%	93.6%
Efficiency at 50% load	93.7%	92.9%	93.3%
Power factor (cos fi)	0.90	0.90	0.90
Torque	179. Nm	149. Nm	165. Nm
Starting current [ratio]	7.5	8.4	7.6
Starting torque [ratio]	1.8	2.0	1.8
Breakdown torque [ratio]	3.2	3.5	3.2
Insulation class	F (155°C)/ temperature rise B (80K)		
Protection	IP55		
Weight	492. kg		
Available Mounting	B3; B5; B3/B5; V1		
Thermal Protection	3x PTCs		
Moment of Inertia	0.6618 kg.m ²		

*Nominal (50Hz) Output
**Increased (60Hz) Output

