

Standard	IEC 60034
Area	Safe Area
Type	TCA 250MA04
Poles	4 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	63. kW	*Nominal (50Hz) Output **Increased (60Hz) Output
Speed	1488 rpm	1789 rpm	1787 rpm	
Current at 380V 50Hz	103. A	n/a	n/a	
Current at 400V 50Hz	97.7 A	n/a	n/a	
Current at 415V 50Hz	94.2 A	n/a	n/a	
Current at 460V 60Hz	n/a	85.1 A	96.8 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	94.6%	95.4%	94.1%	
Efficiency at 75% load	94.6%	94.8%	94.1%	
Efficiency at 50% load	94.2%	93.6%	94.1%	
Power factor (cos fi)	0.86	0.85	0.87	
Torque	359. Nm	299. Nm	336. Nm	
Starting current [ratio]	7.1	8.0	7.2	
Starting torque [ratio]	2.0	2.3	2.1	
Breakdown torque [ratio]	3.1	3.4	3.0	
Insulation class	F (155°C)/ temperature rise B (80K)			
Protection	IP55			
Weight	517. kg			
Available Mounting	B3; B5; B3/B5; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	1.4804 kg.m ²			

