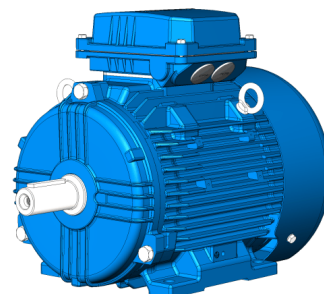


Standard	IEC 60034
Area	Safe Area
Type	TCA 112M02
Poles	2 pole
Frame size	112M
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	400/690V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	4. kW	4. kW	4.6 kW	*Nominal (50Hz) Output
Speed	2918 rpm	3527 rpm	3517 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	7.65 A	n/a	n/a	
Current at 400V 50Hz	7.27 A	n/a	n/a	
Current at 415V 50Hz	7. A	n/a	n/a	
Current at 460V 60Hz	n/a	6.35 A	7.21 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	88.1%	88.5%	88.5%	
Efficiency at 75% load	88.1%	88.5%	88.5%	
Efficiency at 50% load	87.9%	86.3%	87.1%	
Power factor (cos fi)	0.90	0.89	0.91	
Torque	13.4 Nm	11.1 Nm	12.5 Nm	
Starting current [ratio]	8.4	9.7	8.8	
Starting torque [ratio]	2.5	2.6	2.3	
Breakdown torque [ratio]	3.5	4.1	3.6	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	45. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0089 kg.m²			

