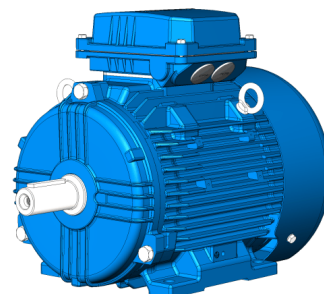


Standard	IEC 60034
Area	Safe Area
Type	TCA 80MB02
Poles	2 pole
Frame size	80M
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	230/400V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	1.1 kW	1.1 kW	1.27 kW	*Nominal (50Hz) Output
Speed	2883 rpm	3496 rpm	3481 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	2.43 A	n/a	n/a	
Current at 400V 50Hz	2.31 A	n/a	n/a	
Current at 415V 50Hz	2.23 A	n/a	n/a	
Current at 460V 60Hz	n/a	2.03 A	2.31 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	83.0%	84.0%	82.5%	
Efficiency at 75% load	83.0%	82.4%	82.5%	
Efficiency at 50% load	80.4%	78.8%	80.2%	
Power factor (cos fi)	0.83	0.81	0.84	
Torque	3.7 Nm	3. Nm	3.5 Nm	
Starting current [ratio]	7.6	9.2	8.4	
Starting torque [ratio]	3.5	4.2	3.7	
Breakdown torque [ratio]	3.5	4.1	3.6	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	20. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0014 kg.m²			

