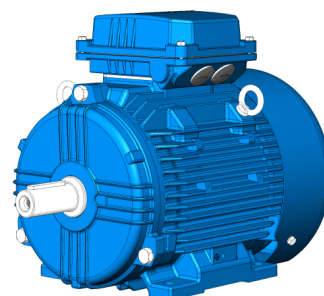


Standard	IEC 60034
Area	Safe Area
Type	TCA 90L02
Poles	2 pole
Frame size	90L
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	230/400V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	2.2 kW	2.2 kW	2.53 kW	*Nominal (50Hz) Output
Speed	2901 rpm	3503 rpm	3489 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	4.56 A	n/a	n/a	
Current at 400V 50Hz	4.33 A	n/a	n/a	
Current at 415V 50Hz	4.17 A	n/a	n/a	
Current at 460V 60Hz	n/a	3.69 A	4.16 A	
Efficiency class	IE3	IE3	IE3	
Efficiency at 100% load	86.2%	86.5%	86.5%	
Efficiency at 75% load	86.2%	86.5%	86.5%	
Efficiency at 50% load	85.1%	84.2%	85.1%	
Power factor (cos fi)	0.85	0.86	0.88	
Torque	7.4 Nm	6.1 Nm	6.9 Nm	
Starting current [ratio]	8.4	10.2	9.2	
Starting torque [ratio]	3.6	4.1	3.6	
Breakdown torque [ratio]	3.6	4.0	3.6	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	29. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0025 kg.m²			

