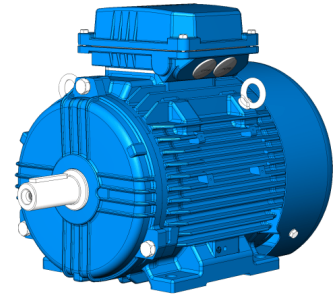


Standard	IEC 60034
Area	Safe Area
Type	TCA 90L04
Poles	4 pole
Frame size	90L
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	230/400V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	1.5 kW	1.5 kW	1.7 kW	*Nominal (50Hz) Output
Speed	1449 rpm	1754 rpm	1748 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	3.4 A	n/a	n/a	
Current at 400V 50Hz	3.23 A	n/a	n/a	
Current at 415V 50Hz	3.11 A	n/a	n/a	
Current at 460V 60Hz	n/a	2.85 A	3.18 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	85.6%	86.5%	84.0%	
Efficiency at 75% load	85.6%	85.3%	84.0%	
Efficiency at 50% load	83.2%	82.2%	83.5%	
Power factor (cos fi)	0.78	0.76	0.80	
Torque	9.8 Nm	8.1 Nm	9.3 Nm	
Starting current [ratio]	7.4	8.7	8.0	
Starting torque [ratio]	3.2	3.5	3.1	
Breakdown torque [ratio]	3.5	4.0	3.5	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	30. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0043 kg.m²			

