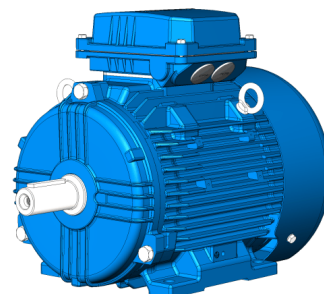


Standard	IEC 60034
Area	Safe Area
Type	TCA 90S04
Poles	4 pole
Frame size	90S
Material	Cast iron frame
Environment conditions	-20 °C to +40 °C, up to 1000 m above sea level
Voltage	230/400V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	1.1 kW	1.1 kW	1.3 kW	*Nominal (50Hz) Output
Speed	1450 rpm	1756 rpm	1748 rpm	**Increased (60Hz) Output
Current at 380V 50Hz	2.55 A	n/a	n/a	
Current at 400V 50Hz	2.42 A	n/a	n/a	
Current at 415V 50Hz	2.33 A	n/a	n/a	
Current at 460V 60Hz	n/a	2.15 A	2.44 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	84.5%	86.5%	84.0%	
Efficiency at 75% load	84.5%	83.9%	84.0%	
Efficiency at 50% load	81.6%	80.3%	82.1%	
Power factor (cos fi)	0.78	0.76	0.80	
Torque	7.4 Nm	6.1 Nm	7.1 Nm	
Starting current [ratio]	7.2	8.5	7.7	
Starting torque [ratio]	3.0	3.3	2.8	
Breakdown torque [ratio]	3.4	4.0	3.4	
Insulation class	F (155 °C)/ temperature rise B (80K)			
Protection	IP55			
Weight	27. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0036 kg.m²			

