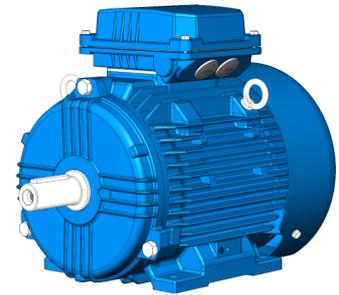


Standard	IEC 60034
Area	Safe Area
Type	TCA 90S02
Poles	2 pole
Frame size	90S
Material	Cast iron frame
Environment conditions	-20°C to +40°C, up to 1000 m above sea level
Voltage	230/400V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	1.5 kW	1.5 kW	1.73 kW	*Nominal (50Hz) Output **Increased (60Hz) Output
Speed	2901 rpm	3505 rpm	3488 rpm	
Current at 380V 50Hz	3.2 A	n/a	n/a	
Current at 400V 50Hz	3.04 A	n/a	n/a	
Current at 415V 50Hz	2.93 A	n/a	n/a	
Current at 460V 60Hz	n/a	2.61 A	2.97 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	84.8%	85.5%	84.0%	
Efficiency at 75% load	84.8%	84.4%	84.0%	
Efficiency at 50% load	82.7%	81.2%	82.6%	
Power factor (cos fi)	0.84	0.85	0.87	
Torque	4.9 Nm	4.1 Nm	4.7 Nm	
Starting current [ratio]	7.8	9.4	8.4	
Starting torque [ratio]	3.5	3.7	3.2	
Breakdown torque [ratio]	3.6	4.0	3.5	
Insulation class	F (155°C)/ temperature rise B (80K)			
Protection	IP55			
Weight	26. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.002 kg.m²			

