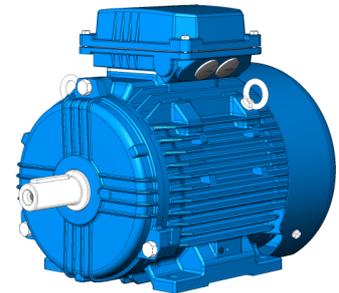


Standard	IEC 60034
Area	Safe Area
Type	TCA 100LA02
Poles	2 pole
Frame size	100L
Material	Cast iron frame
Environment conditions	-20°C to +40°C, up to 1000 m above sea level
Voltage	400/690V 50Hz, 460VY 60Hz



	at 50Hz	at 60Hz*	at 60Hz**	
Output	3. kW	3. kW	3.45 kW	*Nominal (50Hz) Output **Increased (60Hz) Output
Speed	2906 rpm	3507 rpm	3491 rpm	
Current at 380V 50Hz	6.04 A	n/a	n/a	
Current at 400V 50Hz	5.73 A	n/a	n/a	
Current at 415V 50Hz	5.53 A	n/a	n/a	
Current at 460V 60Hz	n/a	4.74 A	5.44 A	
Efficiency class	IE3	IE3	IE2	
Efficiency at 100% load	87.2%	88.5%	87.5%	
Efficiency at 75% load	87.2%	88.5%	87.5%	
Efficiency at 50% load	85.9%	86.8%	87.5%	
Power factor (cos fi)	0.87	0.89	0.91	
Torque	9.8 Nm	8.1 Nm	9.4 Nm	
Starting current [ratio]	8.4	9.9	8.7	
Starting torque [ratio]	3.6	3.4	3.0	
Breakdown torque [ratio]	3.9	4.0	3.5	
Insulation class	F (155°C)/ temperature rise B (80K)			
Protection	IP55			
Weight	39. kg			
Available Mounting	B3; B5; B3/B5; B14A; B3/B14A; B14B; B3/B14B; V1			
Thermal Protection	3x PTCs			
Moment of Inertia	0.0037 kg.m ²			

