SHANGHAI TOP MOTOR CO., LTD.

Technical Data Sheet

General data		
Frame size	63	
Housing material	Aluminum	
Install model	According to the standard	
Type of feet	Removable feet	
Net weight	4 kg	
Insulation class	F *H*	(Standard) *(Optional)*
Protection degree	IP 55 *IP 56*	(Standard) *(Optional)*
Thermal protection	Without *Customizable*	(Standard) *(Optional)*
Rotation direction	Clockwise *Counter clockwise*	(Standard) *(Optional)*
Service duty	S1	
Vibration level	A	
Balance	Half-key balanced	
Cable glands	1-M16×1.5	
Cooling	IC 411	
Painting color	RAL 7024 *Customizable*	(Standard) *(Optional)*
Regulations	IEC / DIN / ISO / VDE / EN	
Standard	IEC 60034	

Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitute	1000 m above sea level

Electrical data		
Output	0.18	kW
Frequency	50	Hz
Voltage (±5%)	230 400 276 480	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	1380 1655	RPM @ 50Hz RPM @ 60Hz
Rated current	1.02 0.59	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	3.6	×In
Rated torque	1.25	Nm (Mn)
Starting torque	2	×Mn
Breakdown torque	2.1	×Mn
Efficiency	IE2 64.7 64.9 60.3	 @ 100% load @ 75% load @ 50% load
Power factor cosφ	0.68	@ 100% load

Mechanical data		
Bearings brand	C&U *Customizable*	(Standard) *(Optional)*
Bearings type	6201 2RZ C3 6201 2RZ C3	(DE) (NDE)
Lifetime of bearings		20000 hours
Allowed radial load Allowed axial load		412.79 N 353.41 N
Grease type		
Lubrication interval of NDE bearing Lubrication interval of DE bearing		h h
Moment of inertia	0.00034	Kg*m²
Noise level	52	dB(A)

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