

Technical Data Sheet

General data	
Frame size	80
Housing material	Casting iron
Install model	According to the standard
Type of feet	Removable feet (Standard) Fixed feet (Optional)
Net weight	18.2 kg
Insulation class	F (Standard) H (Optional)
Protection degree	IP 55 (Standard) IP 56 (Optional)
Thermal protection	Without (Standard) Customizable (Optional)
Rotation direction	Clockwise (Standard) Counter clockwise (Optional)
Service duty	S1
Vibration level	A
Balance	Half-key balanced
Cable glands	1 - M20× 1.5
Cooling	IC 411
Painting color	RAL 7024 (Standard) Customizable (Optional)
Regulations	IEC / DIN / ISO / VDE / EN
Standard	IEC 60034

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

Electrical data		
Output	0.75	kW
Frequency	50	Hz
Voltage (±5%)	230	V Δ @ 50Hz
	400	V Y @ 50Hz
	276	V Δ @ 60Hz
	480	V Y @ 60Hz
Rotation speed	1420	RPM @ 50Hz
	1704	RPM @ 60Hz
Rated current	3.29	A (In) @ Δ 50Hz
	1.9	A (In) @ Y 50Hz
Starting current	6.3	×In
Rated torque	5.04	Nm (Mn)
Starting torque	2.8	×Mn
Breakdown torque	2.8	×Mn
Efficiency	IE3	
	82.5	@ 100% load
	82.8	@ 75% load
	80.6	@ 50% load
Power factor cosφ	0.69	@ 100% load

Mechanical data		
Bearings brand	C&U (Standard) Customizable (Optional)	
Bearings type	6204 2RS C3	(DE)
	6204 2RS C3	(NDE)
Lifetime of bearings		40000 hours
Allowed radial load		715 N
Allowed axial load		4433 N
Grease type	-	
Lubrication interval of NDE bearing		- h
Lubrication interval of DE bearing		- h
Moment of inertia	0.001550	Kg*m ²
Noise level	58	dB(A)

No. 303 Kangliu Road Kangqiao Town Pudong Shanghai, 201315, China

Tel: +86 (21) 6819 2006, Fax: +86 (21) 5812 9366, Email: info@techtop.net.cn, Website: www.techtop.com