



General data	
Frame size	315
Housing material	Casting iron
Install model	According to the standard
Type of feet	Fixed feet
Net weight	807 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	2 - M63× 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	75	kW
Frequency	50	Hz
Voltage (±5%)	400 690 480 828	V Δ @ 50Hz V Y @ 50Hz V Δ @ 60Hz V Y @ 60Hz
Rotation speed	980 1176	RPM @ 50Hz RPM @ 60Hz
Rated current	135.92 78.47	A (In) @ Δ 50Hz A (In) @ Y 50Hz
Starting current	7	×In
Rated torque	730.87	Nm (Mn)
Starting torque	2	×Mn
Breakdown torque	2.3	×Mn
Efficiency	93.7 94 92.3	IE2 @ 100% load @ 75% load @ 50% load
Power factor cosφ	0.85	@ 100% load

Mechanical data		
Bearings brand	C&U (Standard) Customizable (Optional)	
Bearings type	NU319 C3 (DE) 6319 C3 (NDE)	
Lifetime of bearings		- hours
Allowed radial load		11800 N
Allowed axial load		79300 N
Grease type	polyurea-based grease	
Lubrication interval of NDE bearing		5900 h
Lubrication interval of DE bearing		11800 h
Moment of inertia	3.259760	Kg*m ²
Noise level	85	dB(A)