

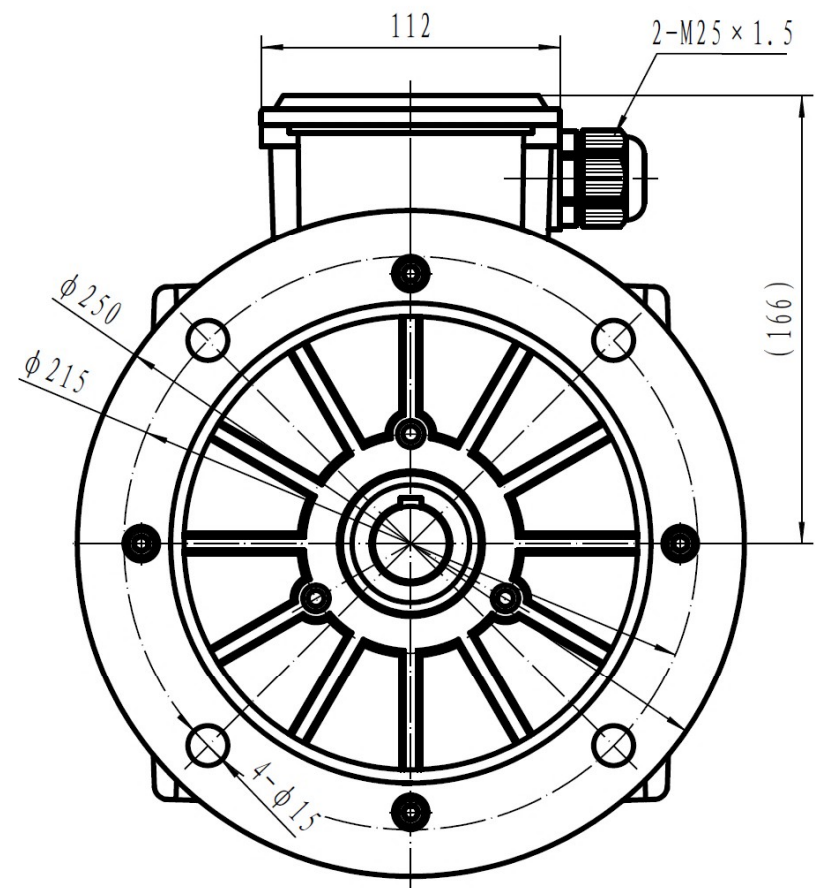
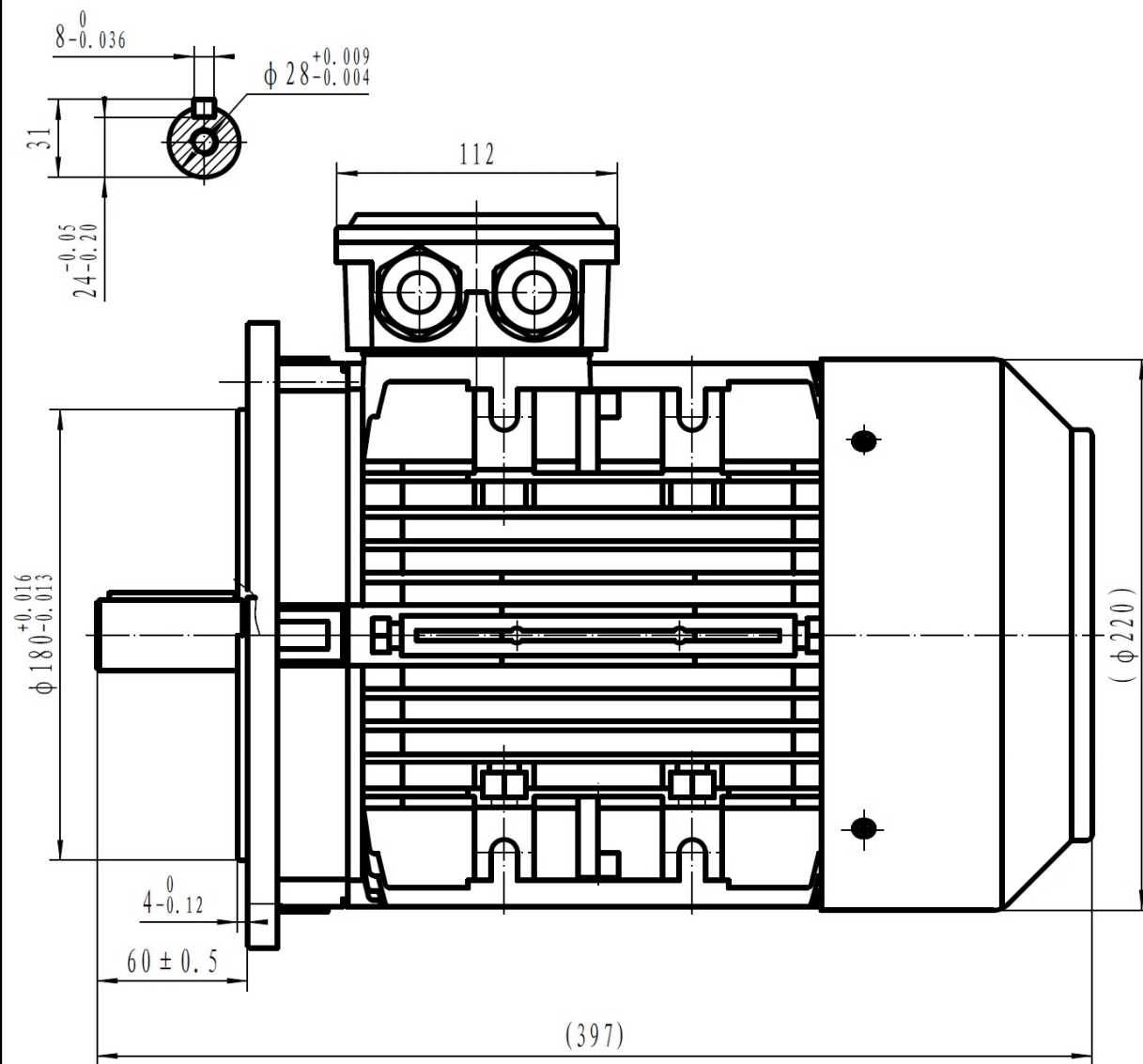
Technical data sheet

General data	
Frame size	112
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	27.1 kg
Insulation class	F
Protection degree	IP 55
Thermal protection	Bimetallic sensor
Rotation direction	Clockwise
Service duty	S1
Vibration level	A
Balance	Half-key balanced
Cable glands	2 - M25 × 1.5
Cooling	IC 411
Painting color	RAL 5010
Regulations	IEC / DIN / ISO / VDE / EN
Standard	IEC 60034

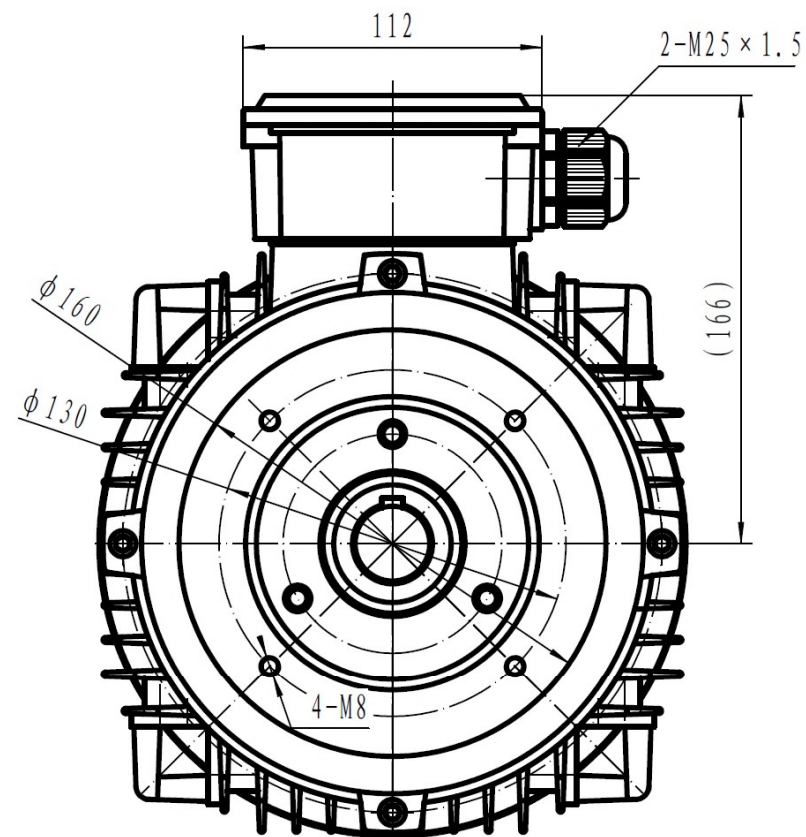
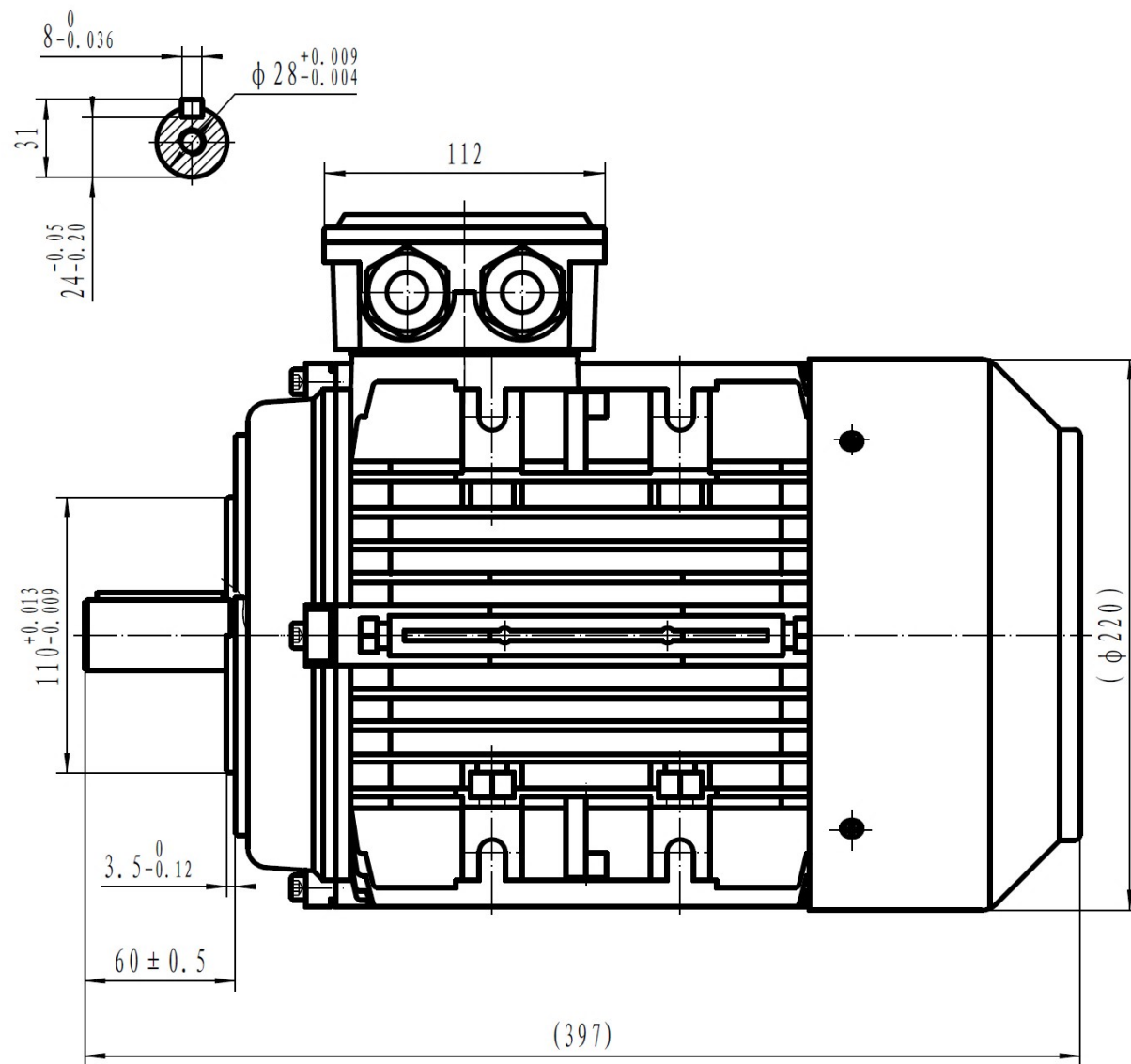
Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitude	1000 m above sea level

Electrical data		
Output	2.2	kW
Frequency	50	Hz
Voltage (±5%)	230	V Δ @ 50Hz
	400	V Y @ 50Hz
	276	V Δ @ 60Hz
	480	V Y @ 60Hz
Rotation speed	965	RPM @ 50Hz
	1160	RPM @ 60Hz
Rated current	9.59	A (In) @ Δ 50Hz
	5.54	A (In) @ Y 50Hz
Starting current	5.5	×In
Rated torque	21.77	Nm (Mn)
Starting torque	2	×Mn
Breakdown torque	2.5	×Mn
Efficiency		IE3
	84.3	@ 100% load
	84.5	@ 75% load
	83.2	@ 50% load
Power factor cosφ	0.68	@ 100% load

Mechanical data		
Bearings brand	C&U	
Bearings type	6306 2RZ C3	(DE)
	6206 2RZ C3	(NDE)
Lifetime of bearings		20000 hours
Allowed radial load		1837.34 N
Allowed axial load		1312.26 N
Moment of inertia	0.01767543	Kg*m ²
Noise level	64	dB(A)



T3A 112M-6 B5



T3A 112M-6 B14