

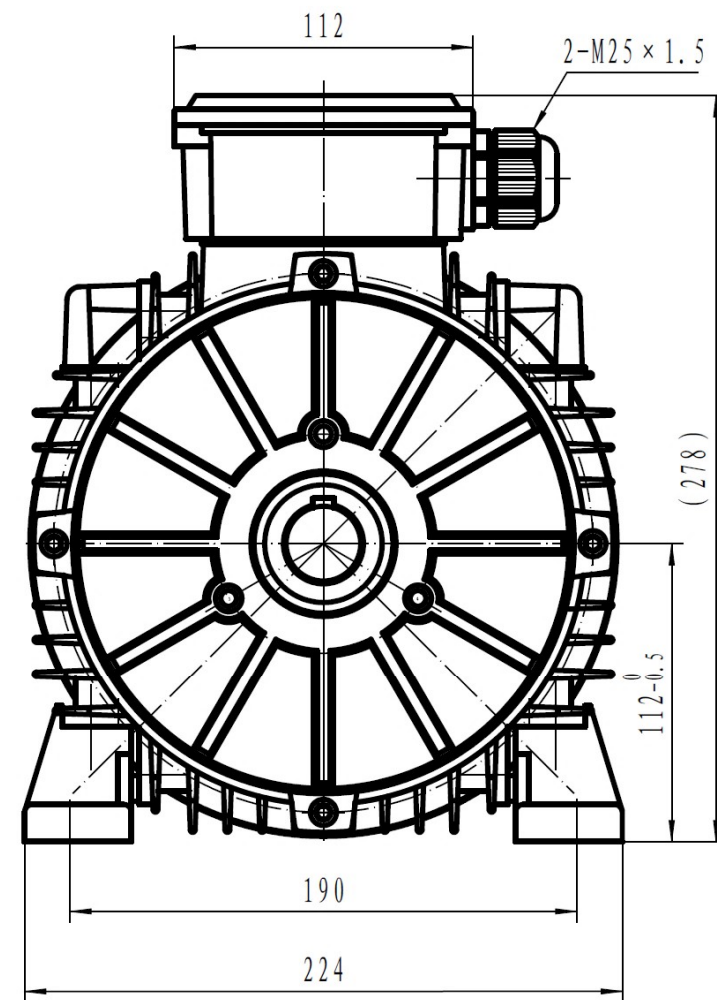
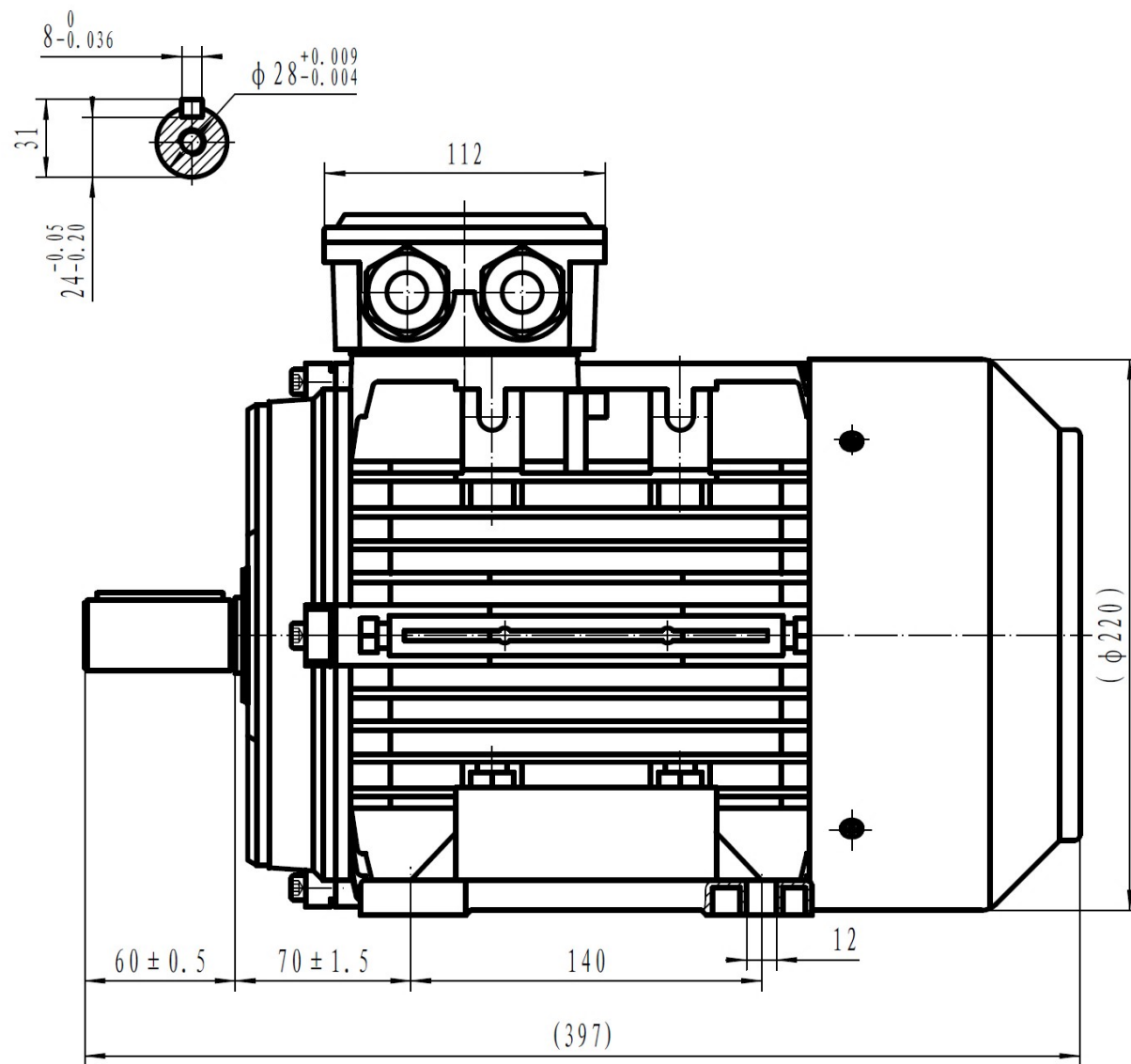
Technical data sheet

General data	
Frame size	112
Housing material	Aluminum
Install model	According to the standard
Type of feet	Removable feet
Net weight	33.1 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

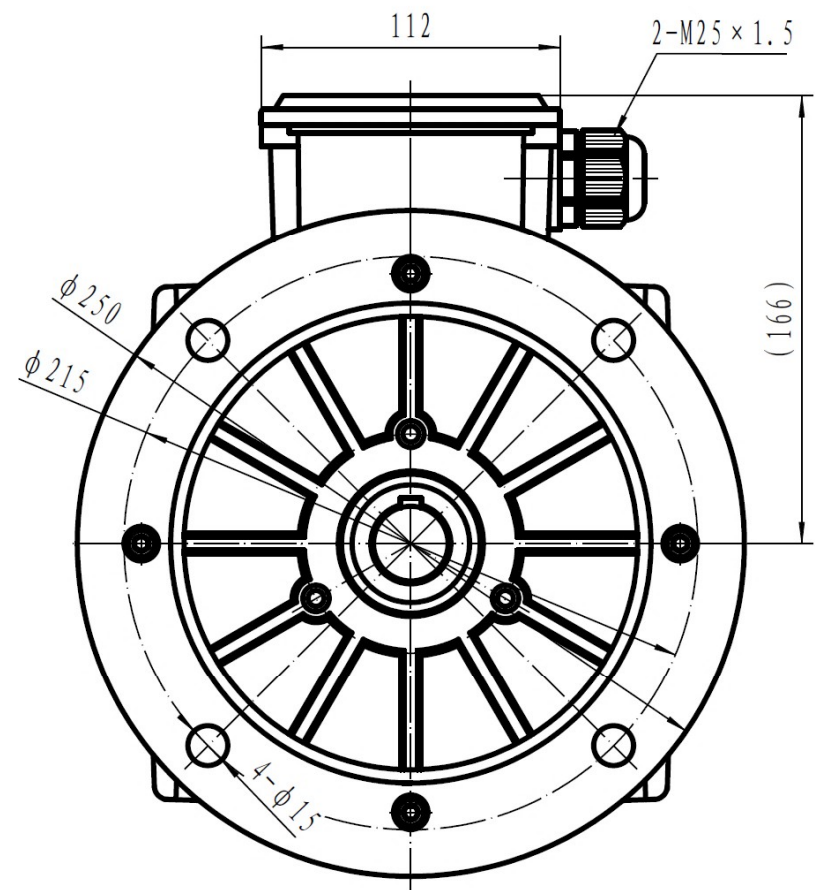
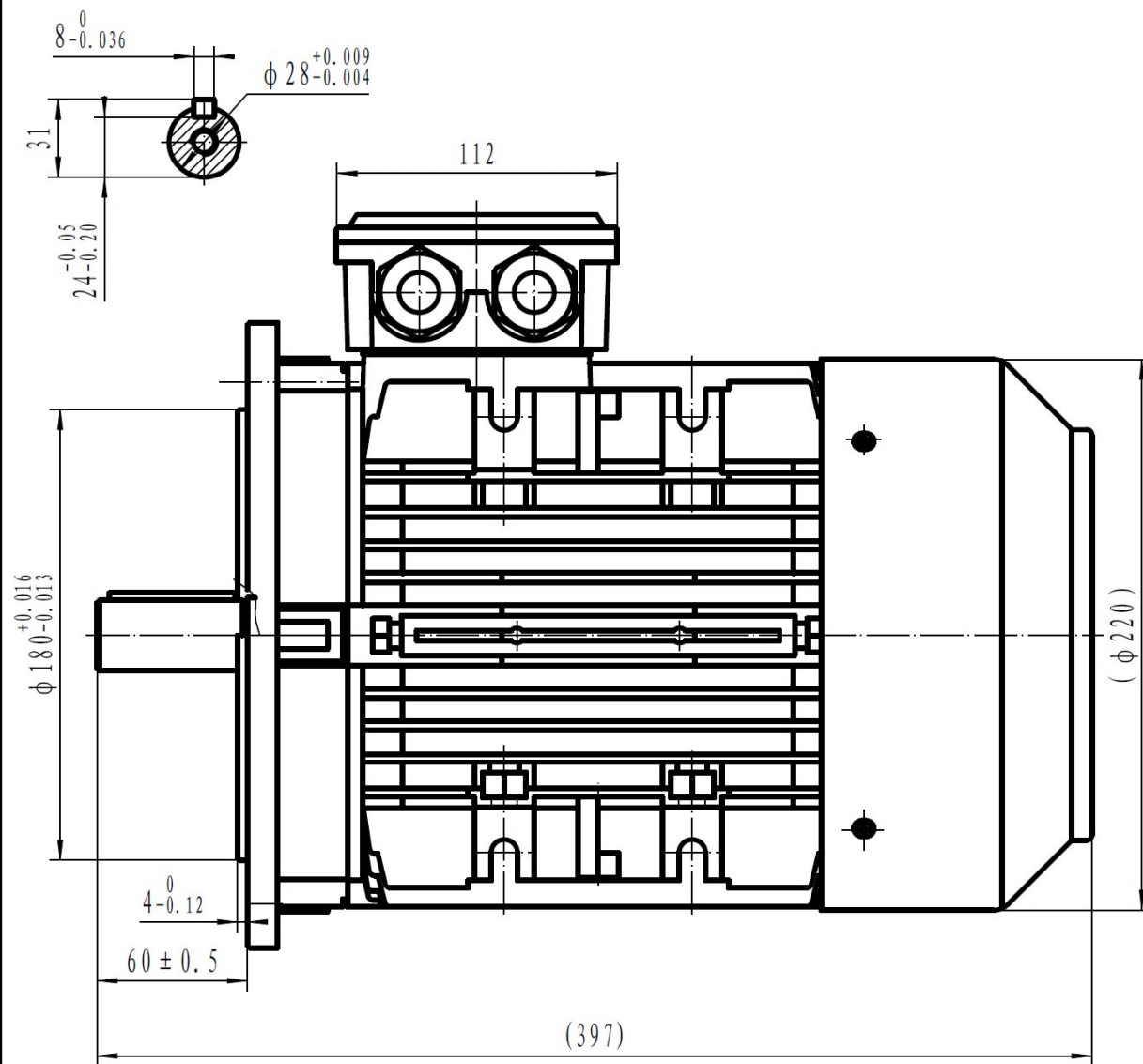
Environmental conditions	
Ambient temperature	From -20°C to +40°C
Maximum altitude	1000 m above sea level

Electrical data		
Output	3	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	12.7	A (In) @ Δ 50Hz
	7.33	A (In) @ Y 50Hz
Starting current	6.3	×In
Rated torque	29.69	Nm (Mn)
Starting torque	2.5	×Mn
Breakdown torque	2.9	×Mn
Efficiency		IE3
	85.6	@ 100% load
	86.2	@ 75% load
	84.8	@ 50% load
Power factor cosφ	0.69	@ 100% load

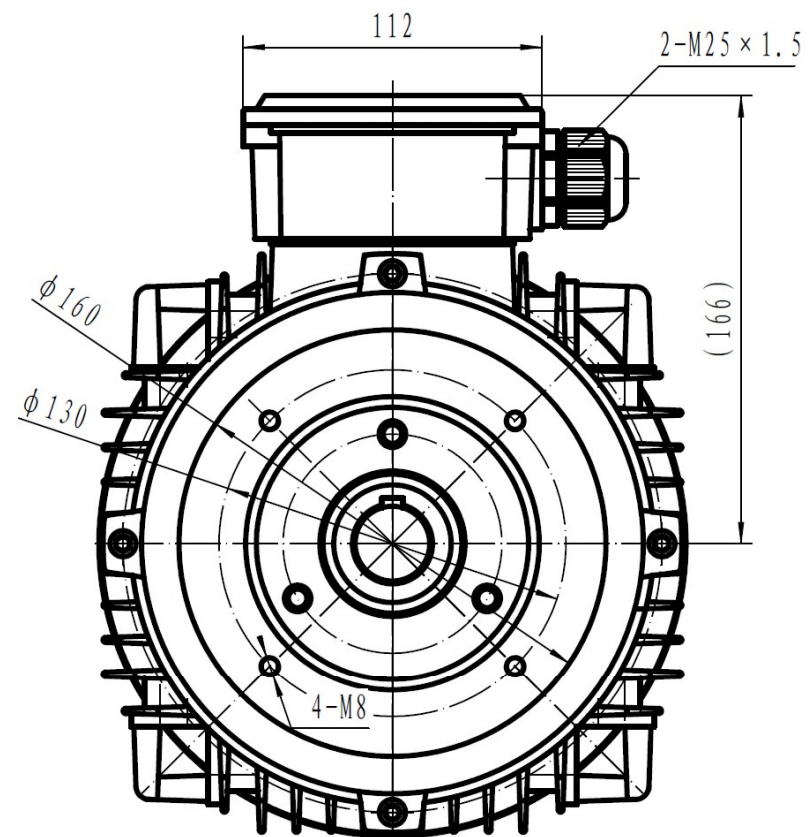
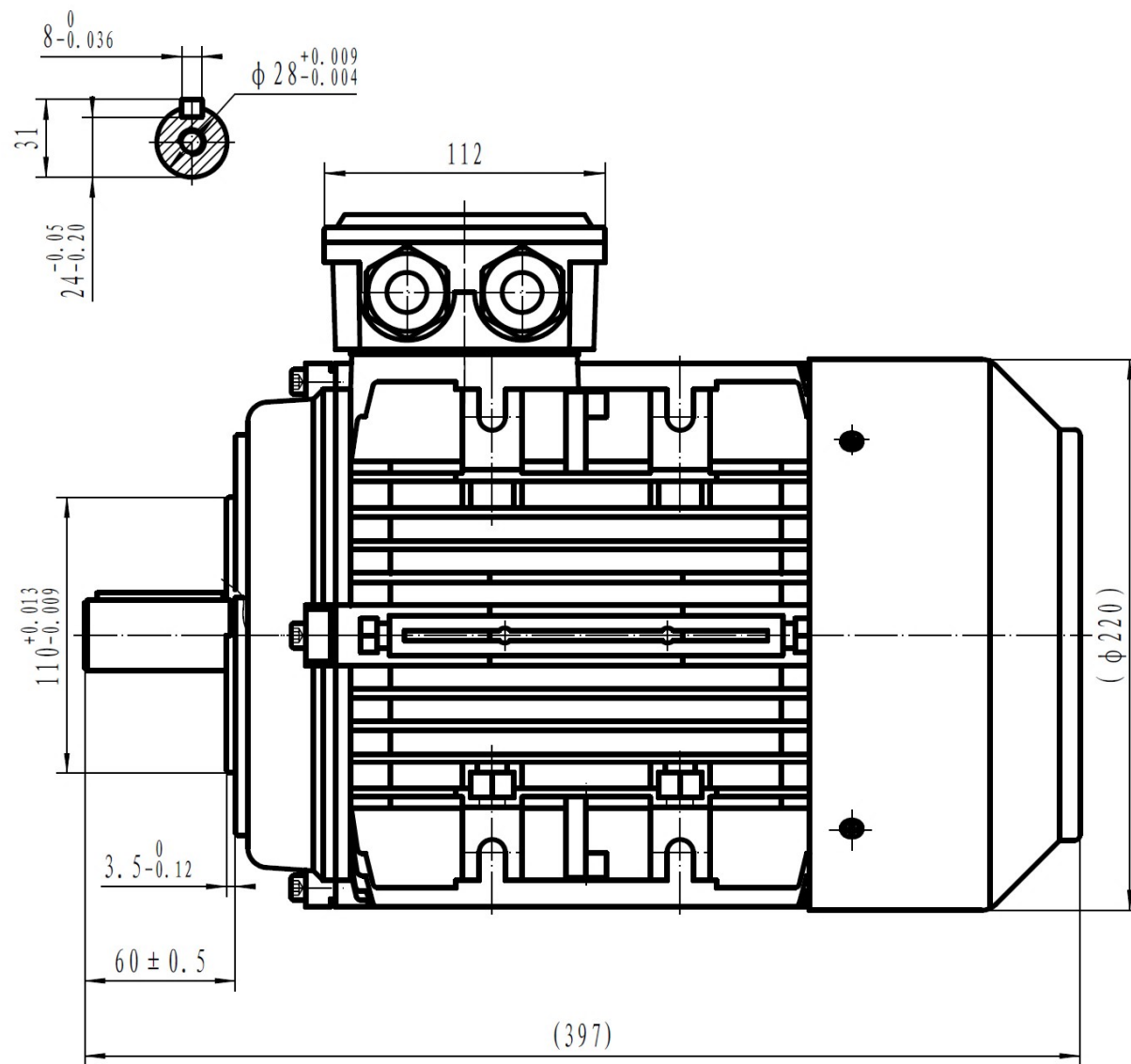
Mechanical data		
Bearings brand	C&U	
Bearings type	6306 2RZ C3	(DE)
	6206 2RZ C3	(NDE)
Lifetime of bearings		20000 hours
Allowed radial load		1837.34 N
Allowed axial load		1312.26 N
Moment of inertia	0.02140041	Kg*m ²
Noise level	64	dB(A)



T3A 112M2-6 B3



T3A 112M2-6 B5



T3A 112M2-6 B14