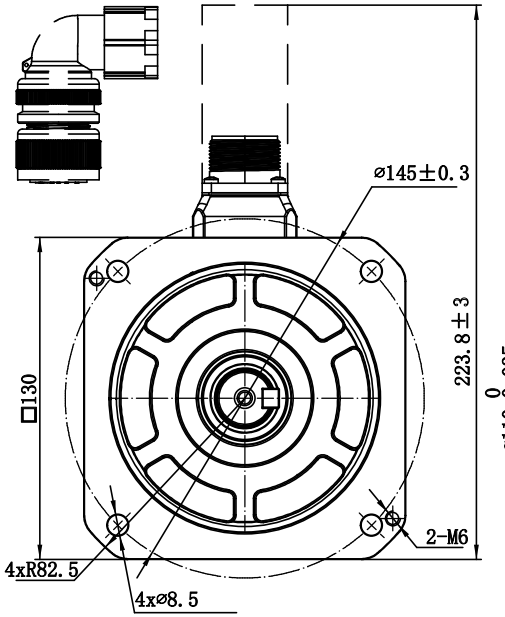
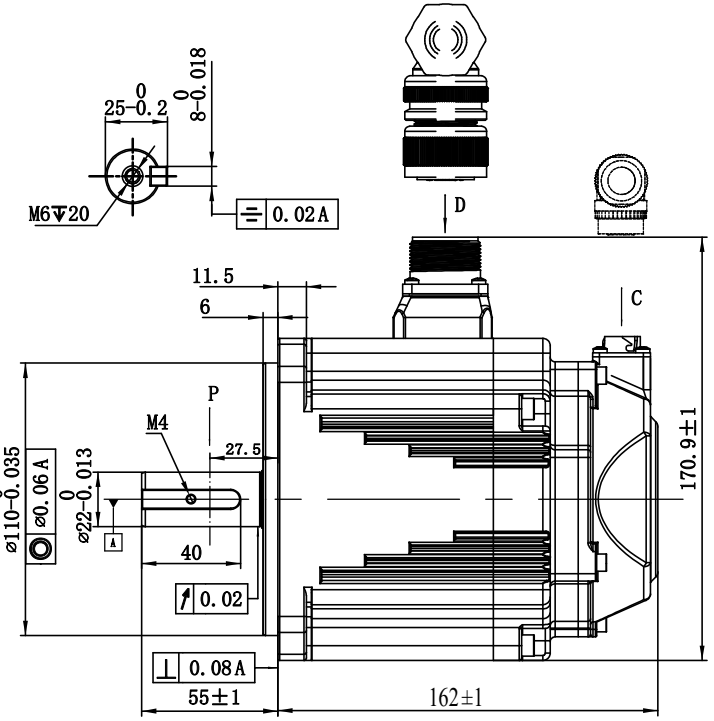
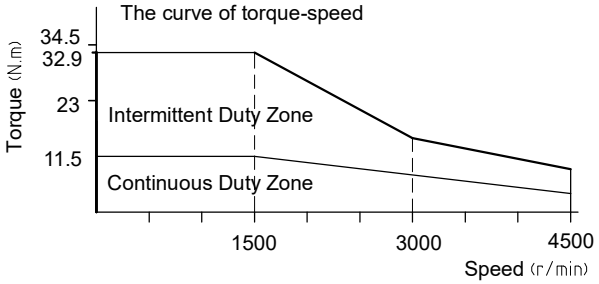
Rated Voltage (Vac)	**400**
Rated Power (w)	1800
Rated Torque (N.m)	11.5
Peak Torque (N.m)	**32.9**
Rated Speed (rpm)	1500
Peak Speed (rpm)	4500
Rated Current (Amp)	**5.6**
Peak Current (Amp)	**15.4**
Torque Const (N.m/Amp)	**2.03**
Back EMF Const(V/Krpm)	**122.6**
Resistance(Ω)	**2.09± 5%**
Inductance(mH)	**21.9±** 20%
Inertia (kg*m^2*10^{-4})	23.8
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	8.8
Allowable radial load(N)	980
Allowable thrust load(N)	392







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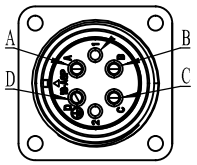
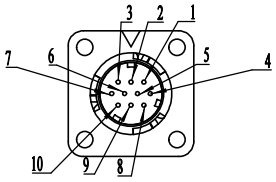


Assignment of power connector				
Pos	A	B	C	D
Signal	U	V	W	PE

C



Assignment of encoder connector							
Pos		3	4	5	6	7	10
Signal	5V	0V	SD+	SD-	BAT+	BAT-	PE

GMTCNT

S2M130F1800X-TS

130mm, high inertia, 1800W
23 Bit absolute encoder
servo motor, with brake