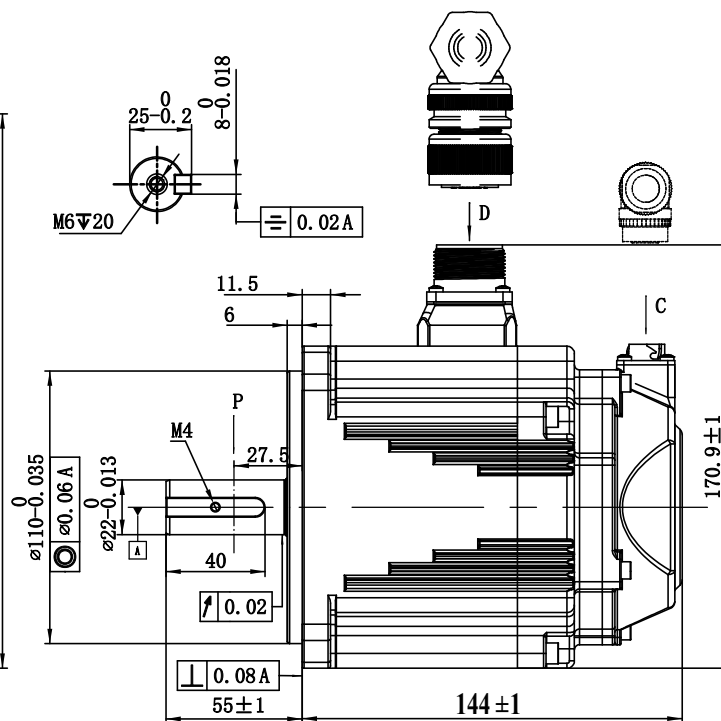
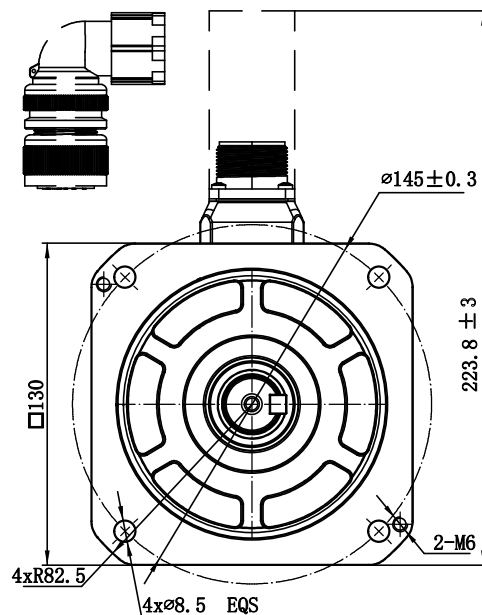
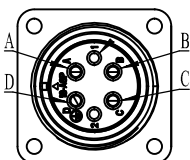
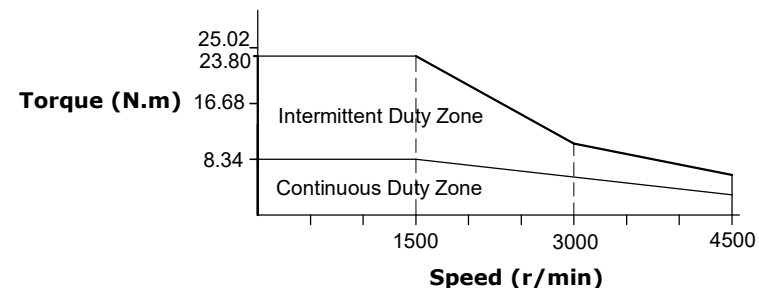


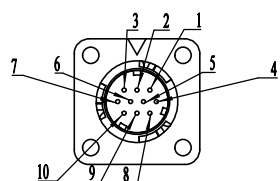
Rated Voltage (Vac)	400
Rated Power (w)	1300
Rated Torque (N.m)	8.34
Peak Torque (N.m)	23.8
Rated Speed (rpm)	1500
Peak Speed (rpm)	4500
Rated Current (Amp)	4.6
Peak Current (Amp)	13.8
Torque Const (N.m/Amp)	1.74
Back EMF Const(V/Krpm)	104.9
Resistance(Ω)	2.26\pm5%
Inductance(mH)	23.3\pm20%
Inertia (kg*m ² *10 ⁻⁴)	18.7
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	7.3
Allowable radial load(N)	686
Allowable thrust load(N)	343



The curve of torque-speed



Assignment of power connector				
Pos	A	B	C	D
Signal	U	V	W	PE
Color	Blue	Black	Red	Yellow/green



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

GMTCNT

S2M130F1300X-TS

130mm, high inertia, 1300W
23 Bit absolute encoder
servo motor, no brake