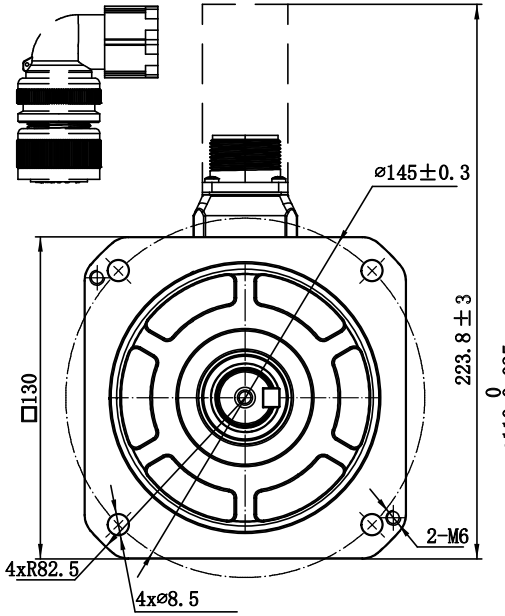
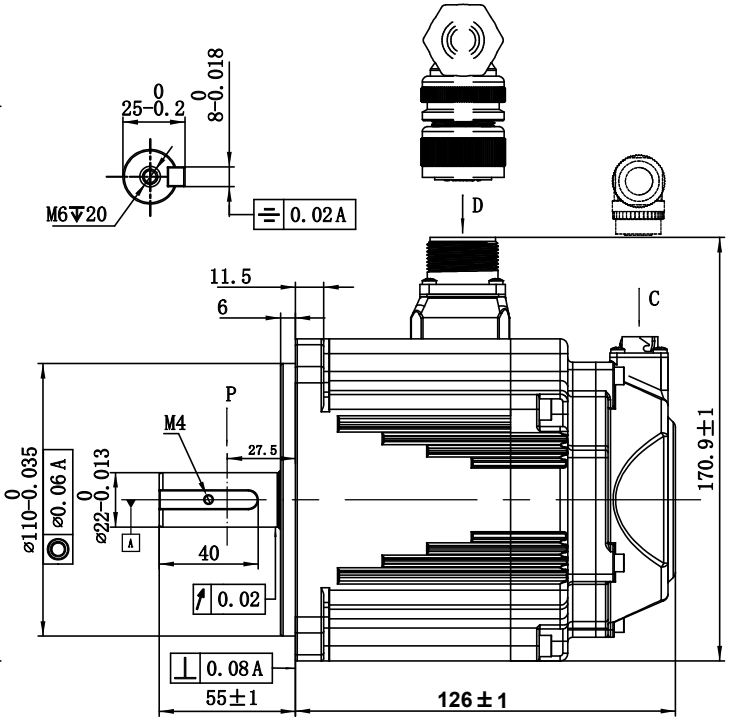
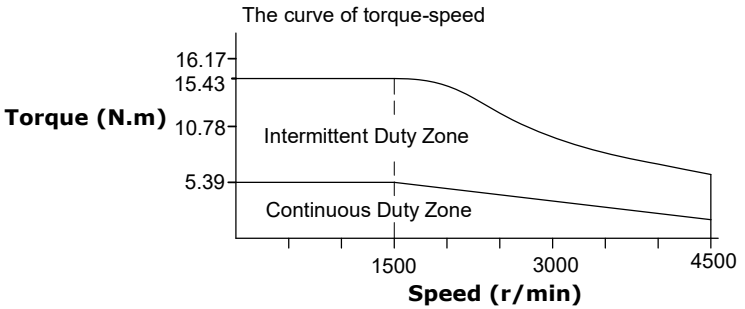
Rated Voltage (Vac)	400
Rated Power (w)	850
Rated Torque (N.m)	5.39
Peak Torque (N.m)	15.43
Rated Speed (rpm)	1500
Peak Speed (rpm)	4500
Rated Current (Amp)	3.5
Peak Current (Amp)	9.5
Torque Const (N.m/Amp)	1.60
Back EMF Const(V/Krpm)	96.9
Resistance(Ω)	3.46± 5%
Inductance(mH)	33.4± 20%
Inertia (kg*m^2*10^{-4})	12.5
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	5.5
Allowable radial load(N)	490
Allowable thrust load(N)	98







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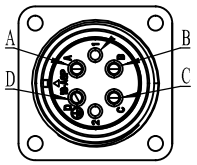
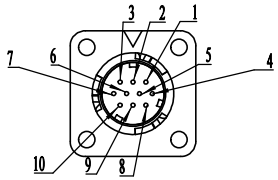


Assignment of power connector				
Pos	A	B	C	D
Signal	U	V	W	PE

C



Assignment of encoder connector							
Pos	2	3	4	5	6	7	10
Signal	5V	0V	SD+	SD-	BAT+	BAT-	PE

GMTCNT

S2M130F850X-TS

130mm, high inertia, 850W
23 Bit magnetic encoder
servo motor,no brake