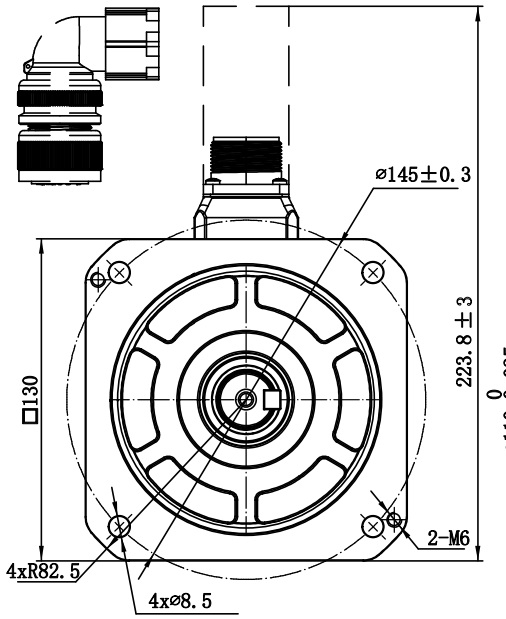
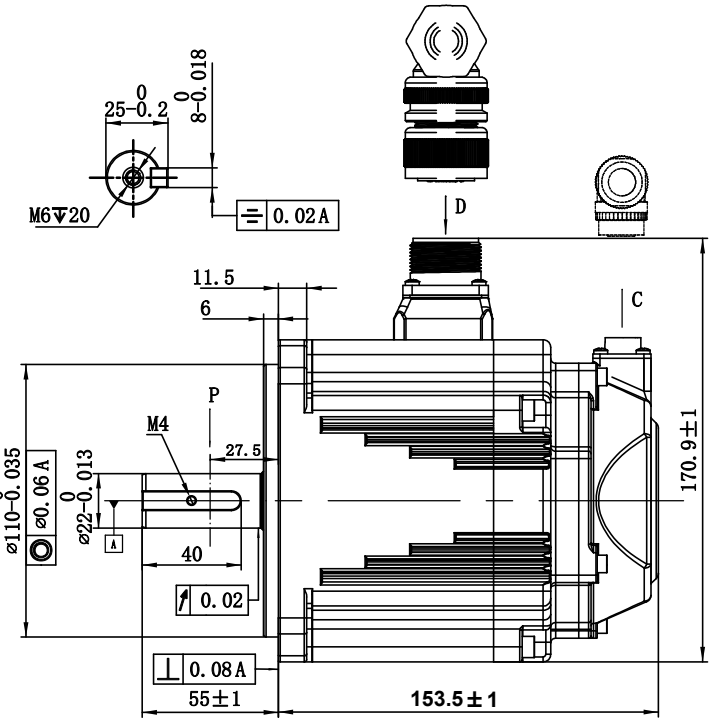
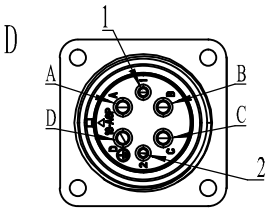
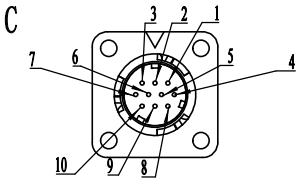
Rated Voltage (Vac)	**400**
Rated Power (w)	**850**
Rated Torque (N.m)	**5.39**
Peak Torque (N.m)	**15.43**
Rated Speed (rpm)	**1500**
Peak Speed (rpm)	**4500**
Rated Current (Amp)	**3.5**
Peak Current (Amp)	**9.5**
Torque Const (N.m/Amp)	**1.60**
Back EMF Const(V/Krpm)	**96.9**
Resistance(Ω)	**3.46± 5%**
Inductance(mH)	**33.4± 20%**
Inertia (kg*m^2*10^{-4})	**14.8**
Poles	**10**
Encoder type	**23bit optical**
IP rating	**IP67**
Mass (Kg)	**6.9**
Allowable radial load(N)	**490**
Allowable thrust load(N)	**98**



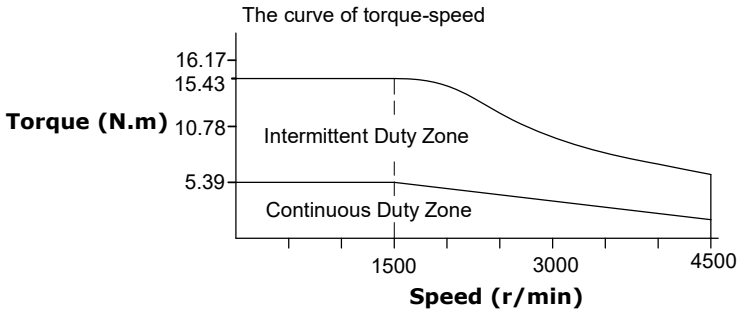




Assignment of power connector with brake						
Pos	A	B	C	D	1	2
Signal	U	V	W	PE	0	24V



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



GMTCNT

S2M130F850B-TS

130mm, high inertia, 850W
23 Bit magnetic encoder
servo motor, with brake