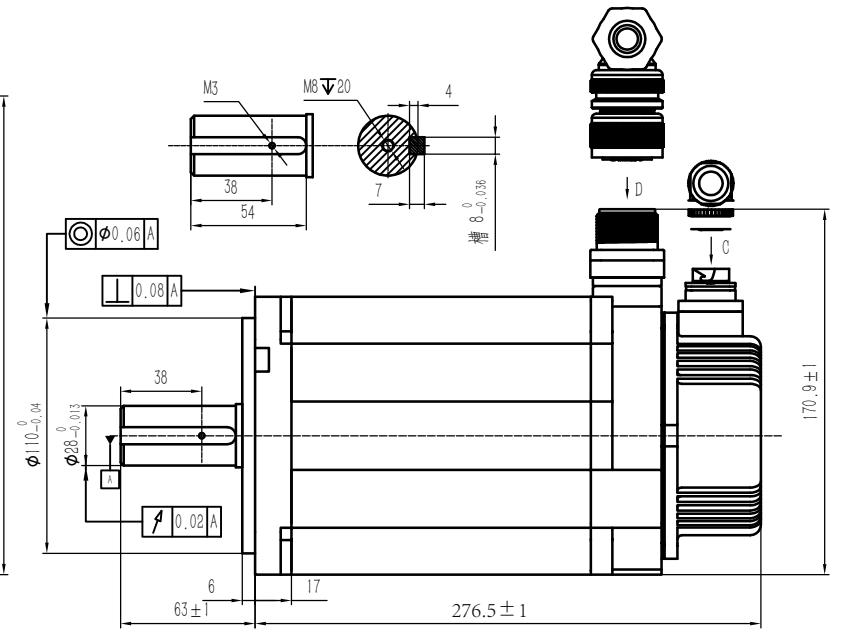
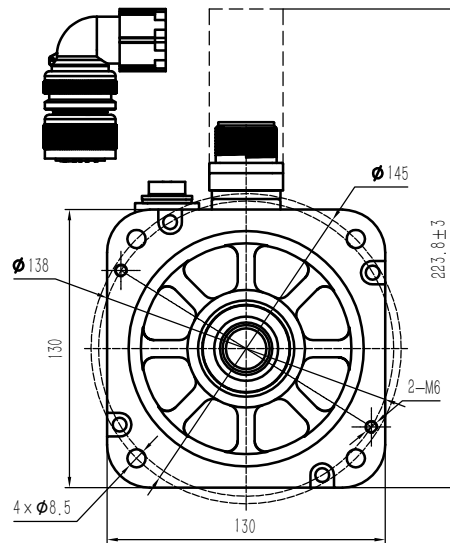
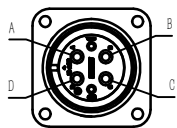


Rated Voltage (Vac)	400
Rated Power (w)	5000
Rated Torque (N.m)	15.8
Peak Torque (N.m)	47.4
Rated Speed (rpm)	3000
Peak Speed (rpm)	6000
Rated Current (Amp)	16
Peak Current (Amp)	48
Torque Const (N.m/Amp)	0.98
Back EMF Const (V/krpm)	73.96
Resistance (Ω)	0.218
Inductance (mH)	5.55
Inertia ($\text{kg}\cdot\text{m}^2\cdot 10^{-4}$)	13.9
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	15

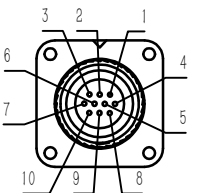


Power connector



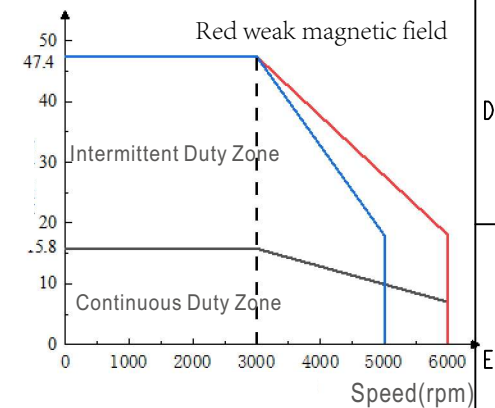
Wiring details of Power cable connector					
Pos	A	B	C	D	
Signal	U	V	W	PE	
Color	blue	yellow	red	/	

Encoder connector



Wiring details of encoder cable connector										
Pos	1	2	3	4	5	6	7	8	9	10
Signal	/	5V	0V	SD+	SD-	E+	E-	/	/	PE
Color	/	red	black	blue	yellow	brown	white	/	/	shield

Torque(Nm)



Leadshine Technology Co.,Ltd

ELM2L-5000LA130FT-H
130mm,low inertia,5000w servo motor
23bit optical encoder, no brake
MS1HH