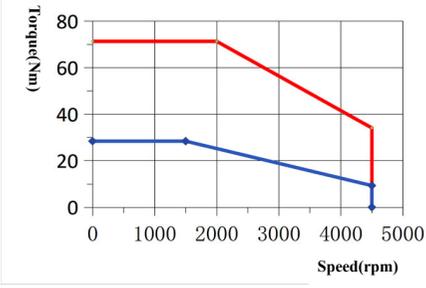
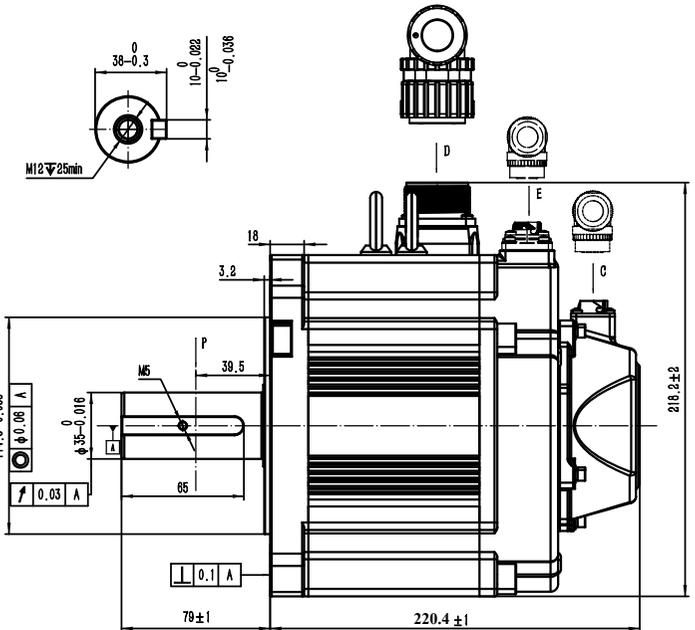
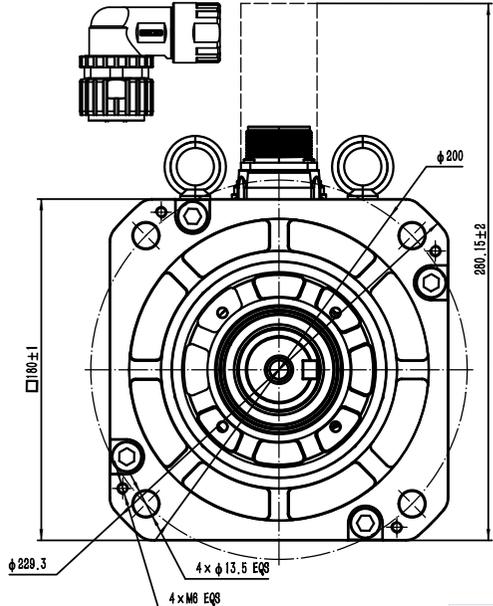


Rated Voltage (Vac)	400
Rated Power (w)	4400
Rated Torque (N.m)	28.4
Peak Torque (N.m)	71.3
Rated Speed (rpm)	1500
Peak Speed (rpm)	4500
Rated Current (Amp)	14.66
Peak Current (Amp)	40
Torque Const (N.m/Amp)	1.96
Back EMF Const (V/krpm)	118.45
Resistance (Ω)	0.2854
Inductance (mH)	7.42
Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> )	79.6
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	21.9
Allowable radial load(N)	1470(P)
Allowable thrust load(N)	490



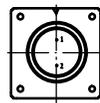
Brake Specification	
Capacity	31w
Rated Voltage	24vdc±10%
Holding Torque	>=55N.m
Braking Voltage	<=16.8V
Releasing Voltage	>=1V
Braking time	<=200ms
Releasing time	<=60ms

Power connector



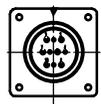
Wiring details of Power cable connector				
Pos	A	B	C	D
Signal	U	V	W	PE
Color	blue	black	red	Yel/Gre

Brake connector



Brake connector		
Pos	1	2
Signal	0V	24V
Color	black	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

Leadshine Technology Co.,Ltd  
**ELM2M-4400LD180ET-H**  
 180mm,medium inertia,4400W  
 23bit optical encoder, brake  
 MS2HB