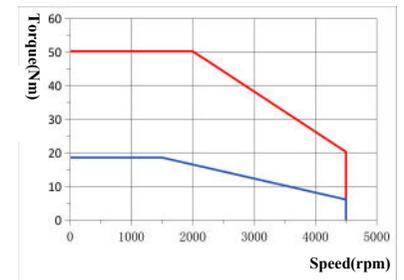
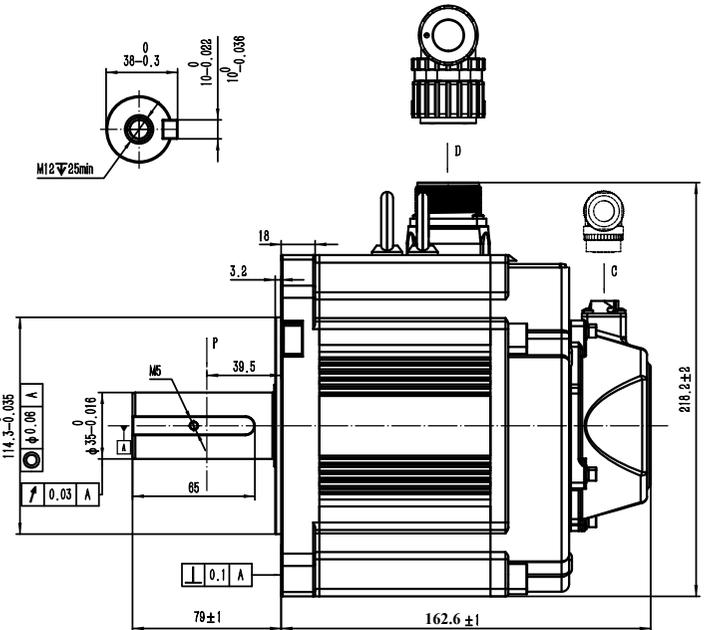
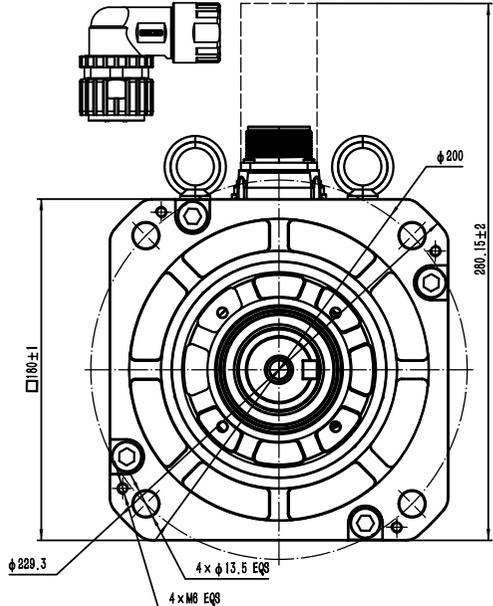


Rated Voltage (Vac)	<b>400</b>
Rated Power (w)	<b>2900</b>
Rated Torque (N.m)	<b>18.6</b>
Peak Torque (N.m)	<b>50.22</b>
Rated Speed (rpm)	<b>1500</b>
Peak Speed (rpm)	<b>4500</b>
Rated Current (Amp)	<b>9.26</b>
Peak Current (Amp)	<b>28.5</b>
Torque Const (N.m/Amp)	<b>2.03</b>
Back EMF Const (V/krpm)	<b>122.53</b>
Resistance (Ω)	<b>0.5235</b>
Inductance (mH)	<b>12.82</b>
Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> )	<b>47.6</b>
Poles	<b>10</b>
Encoder type	<b>23bit optical</b>
IP rating	<b>IP67</b>
Mass (Kg)	<b>14</b>
Allowable radial load(N)	<b>1470(P)</b>
Allowable thrust load(N)	<b>490</b>



Power connector



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

Encoder connector



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

**Leadshine Technology Co.,Ltd**  
**ELM2M-2900LD180FT-H**  
 180mm, medium inertia, 2900W  
 23bit optical encoder, no brake  
 MS2HB