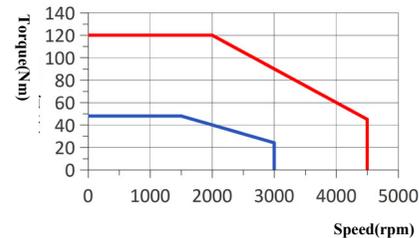
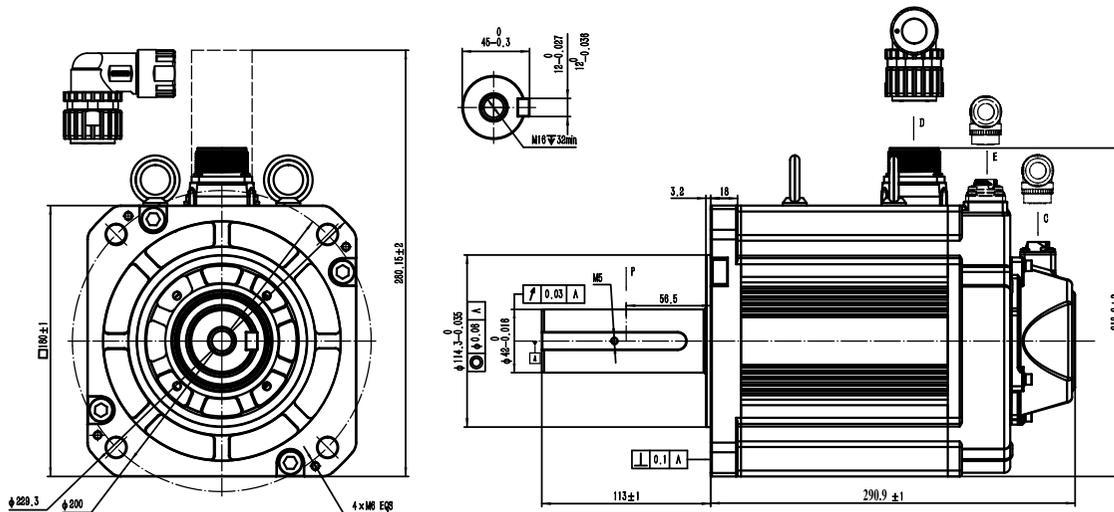


Rated Voltage (Vac)	<b>400</b>
Rated Power (w)	<b>7500</b>
Rated Torque (N.m)	<b>48</b>
Peak Torque (N.m)	<b>120</b>
Rated Speed (rpm)	<b>1500</b>
Peak Speed (rpm)	<b>4500</b>
Rated Current (Amp)	<b>22.5</b>
Peak Current (Amp)	<b>57.2</b>
Torque Const (N.m/Amp)	<b>2.17</b>
Back EMF Const (V/krpm)	<b>131.04</b>
Resistance (Ω)	<b>0.1483</b>
Inductance (mH)	<b>4.27</b>
Inertia (kg*m <sup>2</sup> *10 <sup>-4</sup> )	<b>151.1</b>
Poles	<b>10</b>
Encoder type	<b>23bit optical</b>
IP rating	<b>IP67</b>
Mass (Kg)	<b>34.3</b>
Allowable radial load(N)	<b>1764(P)</b>
Allowable thrust load(N)	<b>588</b>



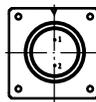
Brake Specification	
Capacity	31w
Rated Voltage	24vdc±10%
Holding Torque	≥55N.m
Braking Voltage	≤16.8V
Releasing Voltage	≥1V
Braking time	≤200ms
Releasing time	≤60ms

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-7500LD180ET-H**  
180mm,medium inertia,7500W  
23bit optical encoder, brake  
MS2HB