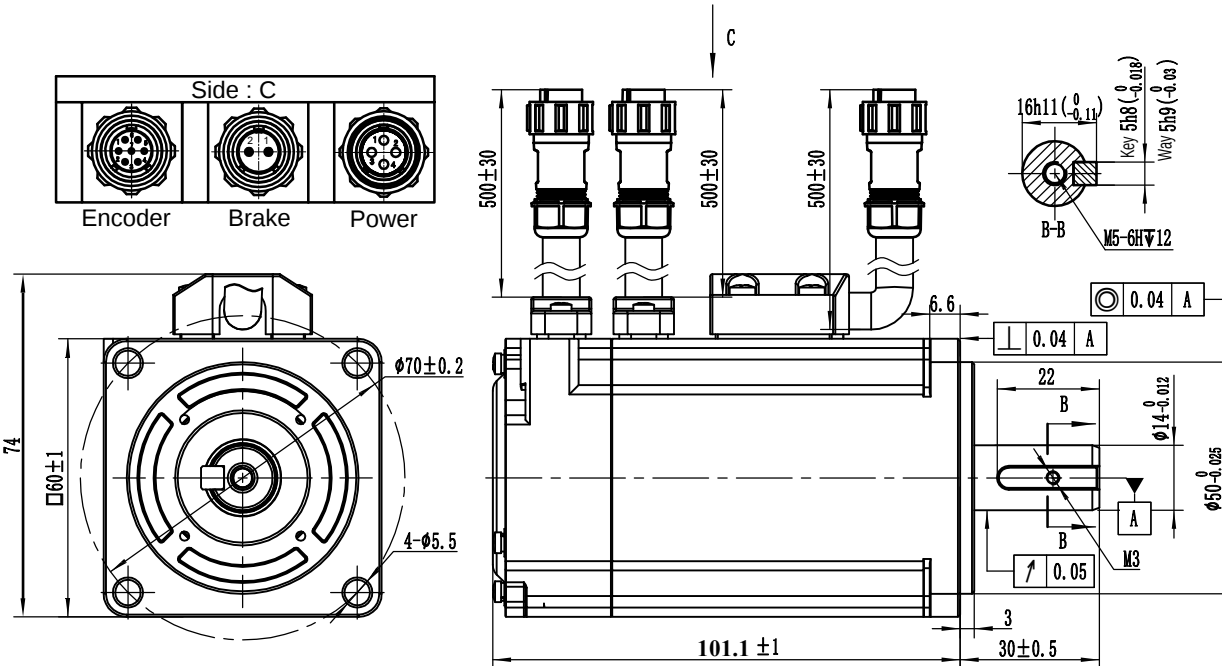


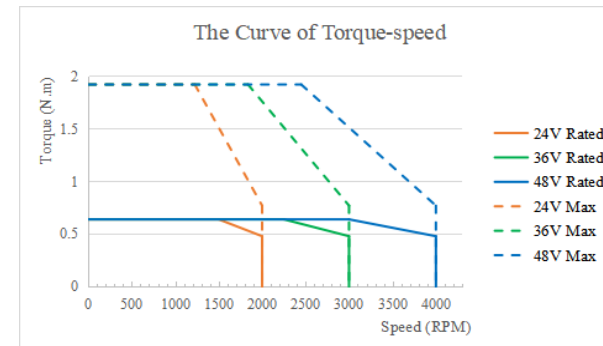
Rated voltage (VDC)	48
Rated power (W)	200
Rated torque (N.m)	0.64
Max torque (N.m)	1.92
Rated speed (rpm)	3000
Max speed (rpm)	4000
Rated current (A)	6
Max current (A)	18.6
Torque constant (N.m/A)	0.114
Back EMF constant (mV/rpm)	6.9
Inertia(kg*m ² *10 ⁻⁴)	0.3
Resistance(Ω)	0.47
Inductance(mH)	0.92
Motor poles	10
Encoder	17 bit
Max radial load (N)	245
Max axial load (N)	74
Protection level	IP65
Mass (kg)	1.4



Type	Power connector				Brake Connector	
Pin	1	2	3	4	1	2
Defi	U	V	W	PE	24V+	0V
Color	Red	Blue	Black	Yellow/green	Red	Black

Type	Encoder connector						
Pin	1	2	3	4	5	6	7
Defi	GND	5V	0V	SD+	SD-	BAT+	BAT-
Color	PE	White	Black	Blue	Purple	Red	Yellow

Brake Detail			
Brake mode	Power off brake		
Voltage	24VDC	Power	7.5W
Braking time	≤ 40ms	Release time	≤ 20ms



Leadshine Technology Co .Ltd

ELVM6020V48EH-M17-HD

200w servo motor with 17 bit absolute encoder
60mm / 24-48V /with brake