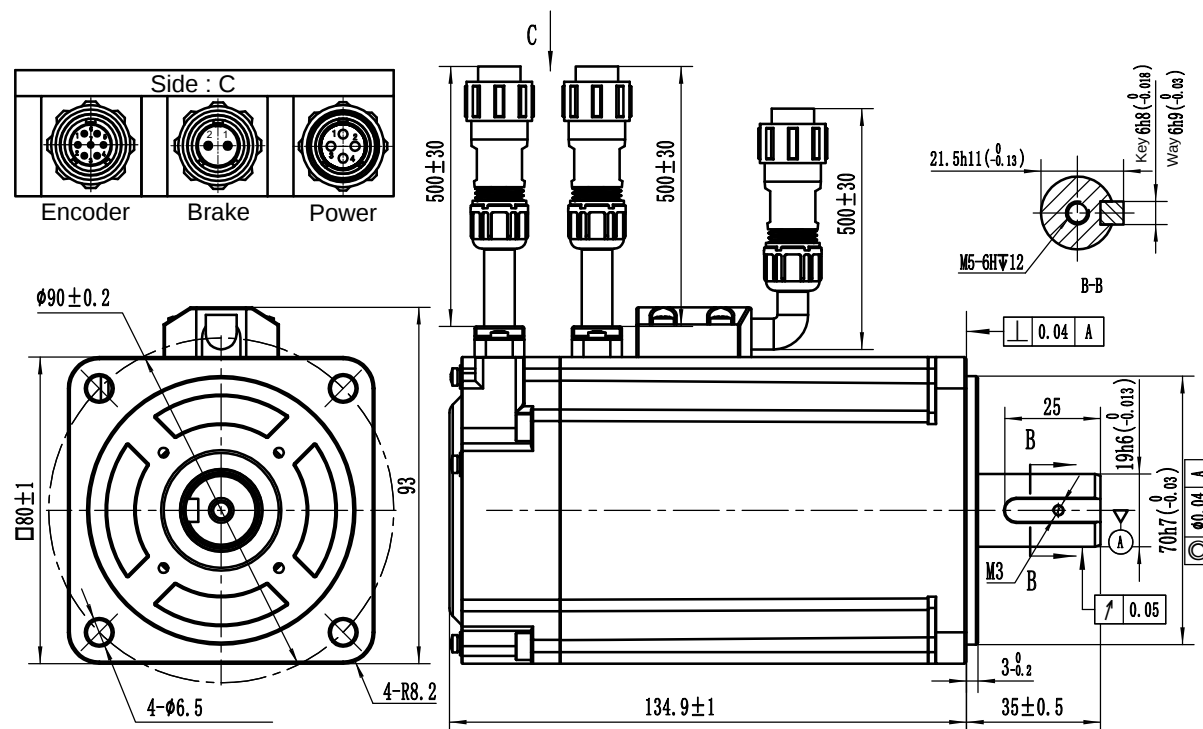


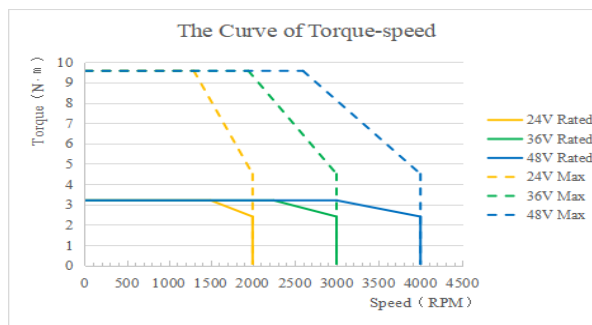
Rated voltage (VDC)	48
Rated power (W)	1000
Rated torque (N.m)	3.2
Max torque (N.m)	9.6
Rated speed (rpm)	3000
Max speed (rpm)	4000
Rated current (A)	28
Max current (A)	87
Torque constant (N.m/A)	0.122
Back EMF constant (mV/rpm)	7.4
Inertia(kg*m ² *10 ⁻⁴)	1.95
Resistance(Ω)	0.05
Inductance(mH)	0.31
Motor poles	10
Encoder	17 bit
Max radial load (N)	392
Max axial load (N)	147
Protection level	IP65
Mass (kg)	3.2



Brake Detail			
Brake mode	Power off brake		
Voltage	24VDC	Power	11.5W
Braking time	≤40ms	Release time	≤20ms

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



Leadshine Technology Co .Ltd

ELVM80100V48EH-M17-HD

1000w servo motor with 17 bit absolute encoder
80mm / 24-48V /with brake