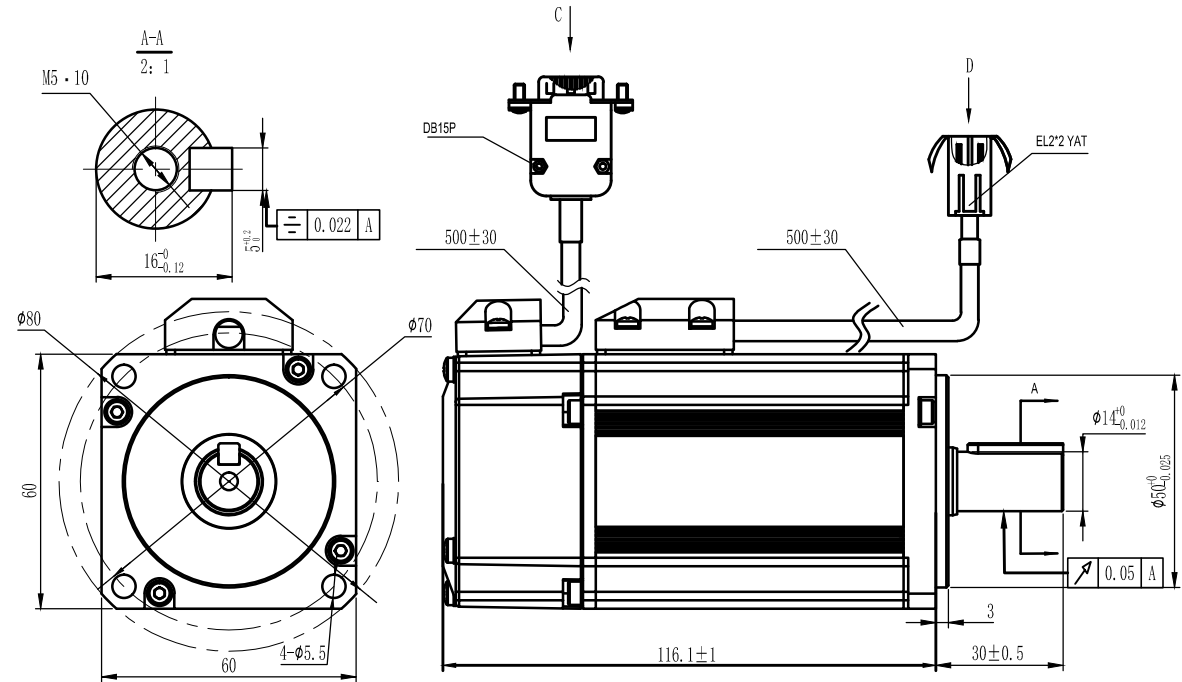
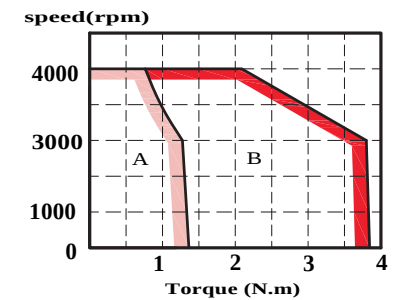


Rated voltage (VDC)	48
Rated power (W)	400
Rated torque (N.m)	1.27
Max torque (N.m)	3.84
Rated speed (rpm)	3000
Max speed (rpm)	4000
Rated current (A)	10
Max current (A)	31
Torque constant (N.m/A)	0.127
Back EMF constant (mV/rpm)	7.68
Inertia(kg*m ² *10 ⁻⁴)	0.42
Resistance(Ω)	0.27
Inductance(mH)	0.35
Motor poles	10
Encoder	1000lines
Encoder cable	28AWG
Power cable	18AWG
Protection level	IP54



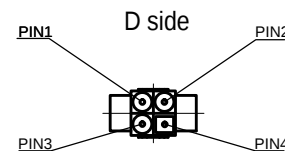
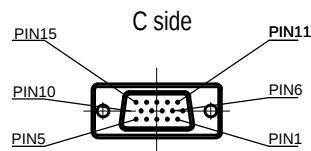
The curve of torque-speed



A: Continuous Duty Zone
B: Intermittent Duty Zone

Type	DB15 Male of Encoder connector									
Pin	1	2	3	4	5	6	9	11	12	13
Defi	A+	B+	GND	V+	U+	PE	W+	A-	B-	+5V
Color	Green	White	Black	Orange	Brown	Shield	Gray	Green/black	White/black	Red

Type	Power connector			
Pin	1	2	3	4
Defi	U	V	W	FG
Color	Red	Blue	Black	Yellow/green



Leadshine Technology Co .Ltd

ELDM6040V48HL-A5

400w servo motor with 1000 lines encoder