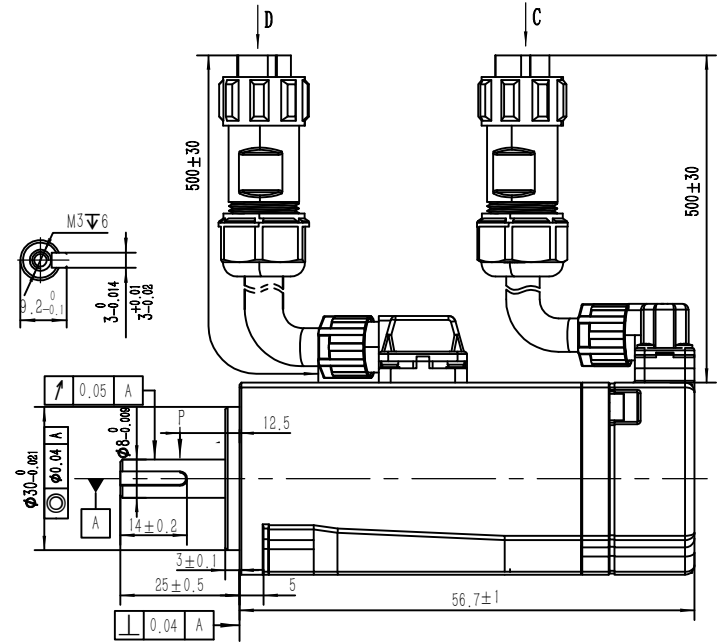
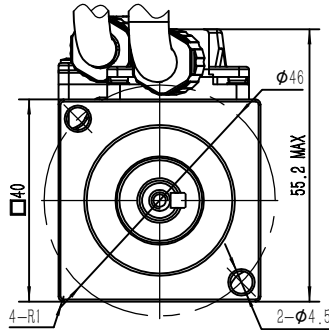
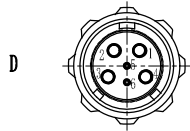
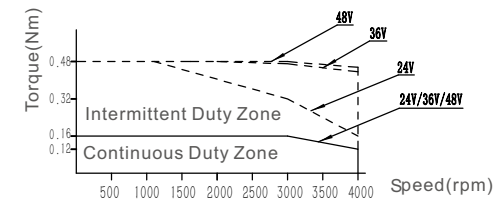


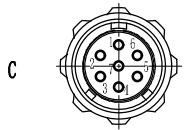
Rated voltage (VDC)	24
Working voltage (VDC)	24-48
Rated power (W)	50
Rated torque (N.m)	0.16
Max torque (N.m)	0.48
Rated speed (rpm)	3000
Max speed (rpm)	4000
Rated current (A)	3
Max current (A)	9.3
Torque constant (N.m/A)	0.060
Back EMF constant (mV/rpm)	3.6
Inertia(kg*m ² *10 ⁻⁴)	0.036
Resistance(Ω)	0.93
Inductance(mH)	0.57
Motor poles	10
Encoder	17 bit
Max radial load (N)	78
Max axial load (N)	54
Protection level	IP65
Mass (kg)	0.33



The curve of torque -speed



Type	Power connector					
Pin	1	2	3	4	5	6
Defi	U	V	W	PE	—	—
Color	Red	Blue	Black	Yellow/green	—	—



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

ELVM4005V48FH-M17-HD

50w servo motor with 17 bit absolute encoder
40mm frame size / 24 - 48V No brake