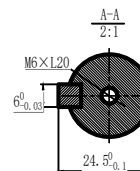
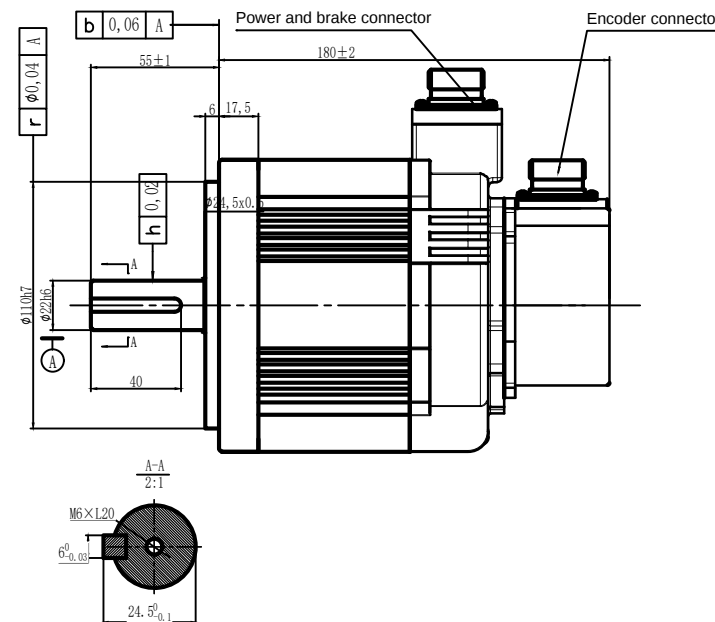
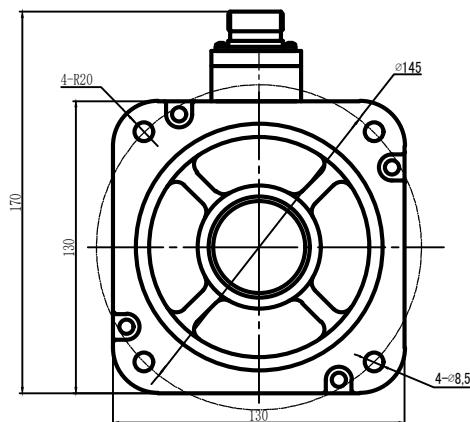


Rated voltage (VDC)	48
Rated power (W)	1500
Rated torque (N.m)	4.8
Max torque (N.m)	12.5
Rated speed (rpm)	3000
Max speed (rpm)	4000
Rated current (A)	37.5
Max current (A)	98
Torque constant (N.m/A)	0.13
Back EMF constant (mV/rpm)	8.1
Inertia(kg*m ² *10 ⁻⁴)	15.55
Resistance(Ω)	0.024
Inductance(mH)	0.095
Motor poles	10
Encoder	17 bit
Protection level	IP65
Mass (kg)	6.9

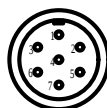


Brake Detail			
Brake mode	Power off brake		
Voltage	24VDC	Power	24W
Braking time	80ms	Release time	40ms

Type	Power connector				Brake Connector	
Pin	A	B	C	D	1	2
Defi	U	V	W	PE	24V+	0V
Color	Red	Yellow	Blue	Yellow/green	Red	Black

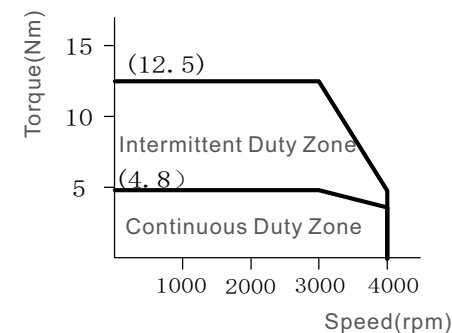


Type	Encoder connector						
Pin	1	2	3	4	5	6	7
Defi	PE	5V	0V	SD+	SD-	BAT+	BAT-
Color	-	Red	Black	Blue	Yellow	Brown	White



Brake Specification	
Capacity	24w
Rated Voltage	24vdc±10%
Holding Torque	>=12Nm
Braking Voltage	>18V
Releasing Voltage	<1.5V
Braking time	80ms
Releasing time	40ms

The curve of torque-speed



Leadshine Technology Co .Ltd

ELVM130150V48EM-M17-HD
1500w servo motor with 17 bit absolute encoder
130mm / 48V /with brake