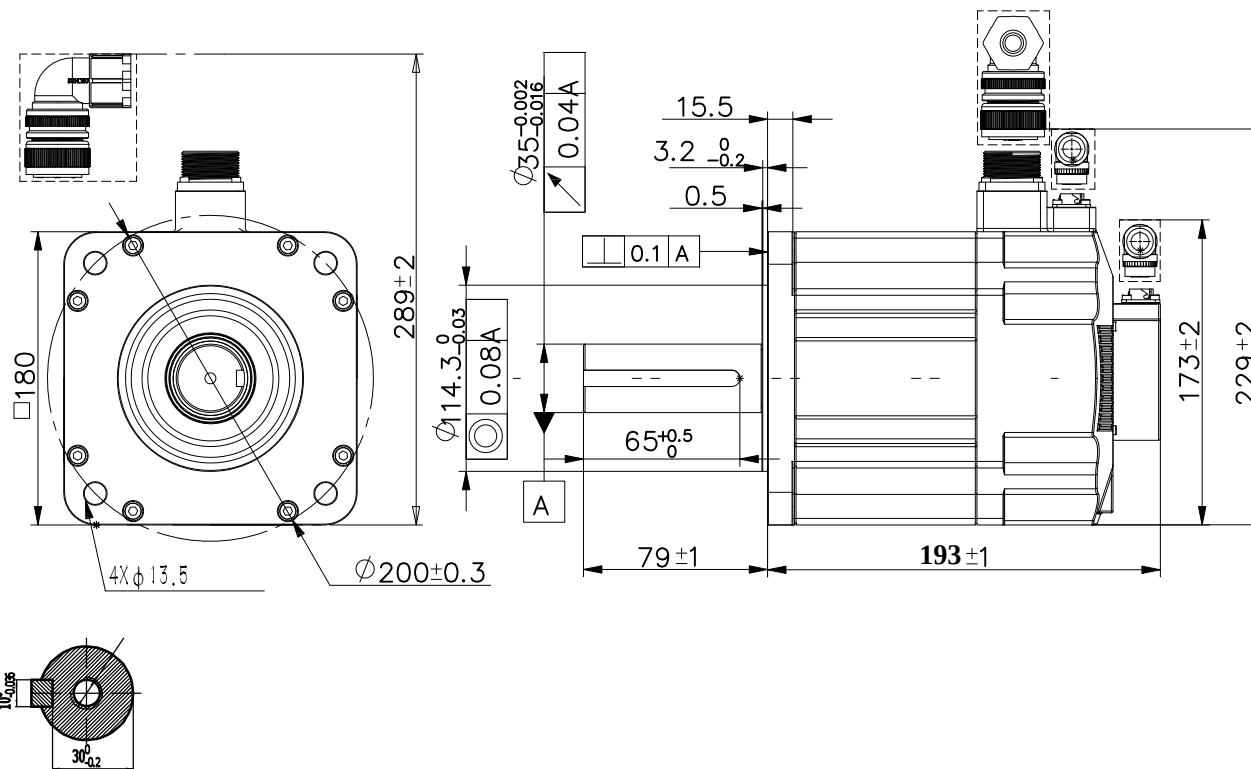


Rated Voltage (Vac)	400
Rated Power (w)	2900
Rated Torque (N.m)	18.6
Peak Torque (N.m)	46.5
Rated Speed (rpm)	1500
Peak Speed (rpm)	3000
Rated Current (Amp)	11.9
Peak Current (Amp)	30
Torque Const (N.m/Amp)	1.58
Back EMF Const (V/krpm)	108
Resistance (Ω)	0.46
Inductance (mH)	9.17
Inertia ($\text{kg}\cdot\text{m}^2\cdot 10^{-4}$)	39.78
Poles	10
Encoder type	23bit optical
IP rating	IP65
Mass (Kg)	17



Power connector



Wiring details of Power cable connector

Pos	A	B	C	D
Signal	U	V	W	PE
Color	red	yellow	blue	Yel/Gre

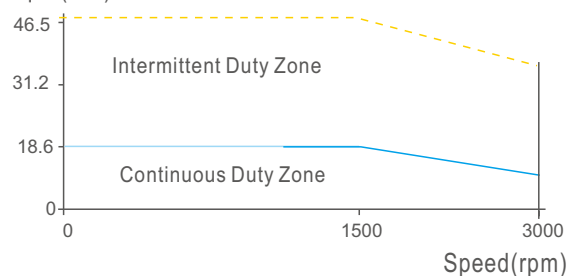
Encoder connector



Wiring details of encoder cable connector

Pos	1	2	3	4	5	6	7	8	9	10
Signal	/	5V	0V	SD+	SD-	E+	E-	/	/	PE
Color	/	red	black	blue	yellow	brown	white	/	/	shield

Torque(Nm)



Leadshine Technology Co.,Ltd

ELM2M-2900LD180FT-H

180 mm, medium inertia, 2900w servo motor

23bit optical encoder, no brake

MS10