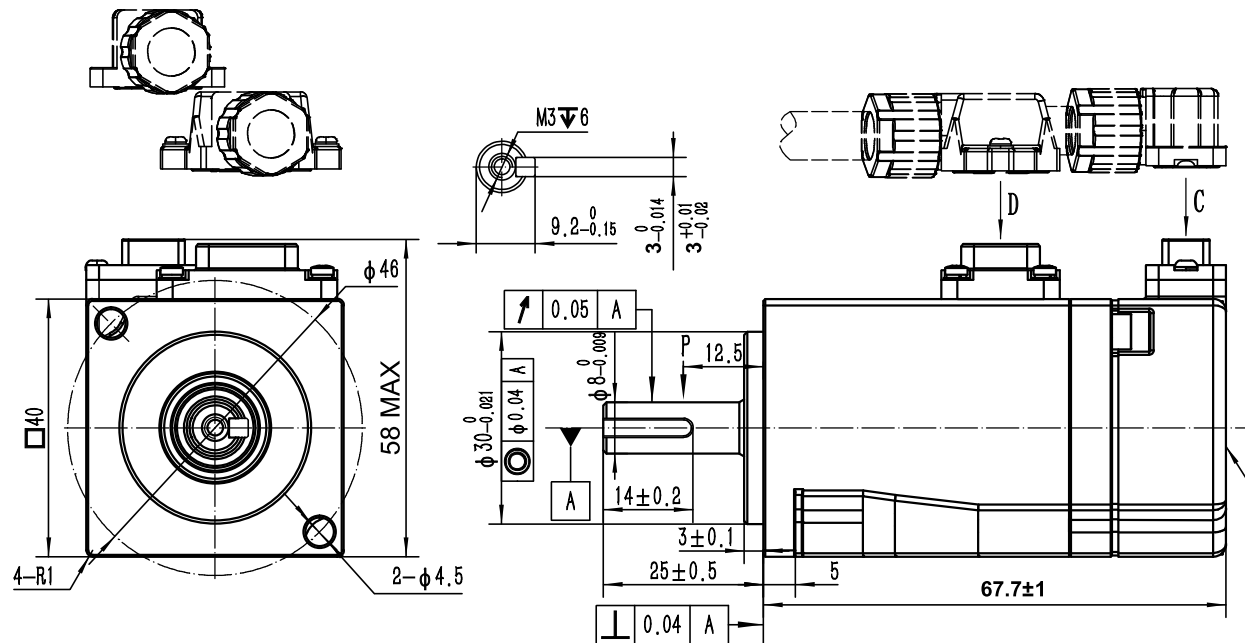
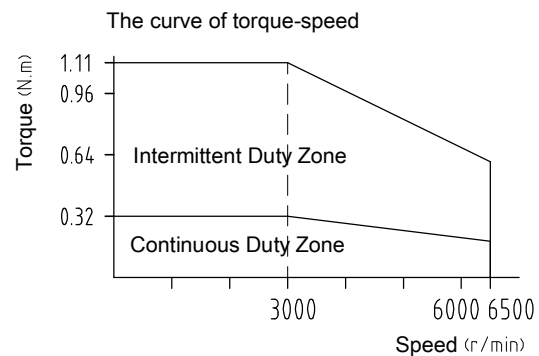


Rated Voltage (Vac)	220
Rated Power (w)	100
Rated Torque (N.m)	0.32
Peak Torque (N.m)	1.11
Rated Speed (rpm)	3000
Peak Speed (rpm)	6500
Rated Current (Amp)	0.92
Peak Current (Amp)	3.36
Torque Const (N.m/Amp)	0.383
Back EMF Const (V/krpm)	23.1
Resistance (Ω)	$17.7 \pm 10\%$
Inductance (mH)	$14.3 \pm 20\%$
Inertia ($\text{kg} \cdot \text{m}^2 \cdot 10^{-4}$)	0.062
Poles	10
Encoder type	23bit optical
IP rating	IP67
Mass (Kg)	0.38



Wiring details of Power cable connector							
Pos	1	2	3	4	--	--	
Signal	U	V	W	PE	--	--	
Color	black	white	red	Yel/Gre	--	--	

Wiring details of encoder cable connector							
Pos	1	2	3	4	5	6	7
Signal	PE	5V	0V	SD+	SD-	Bat+	Bat-
Color	shield	red	black	blue	yellow	brown	white



GMTCNT

S2M040F0100ADX

40mm, high inertia, 100W
23 bit optik absolute enkoderli frensiz servo motor