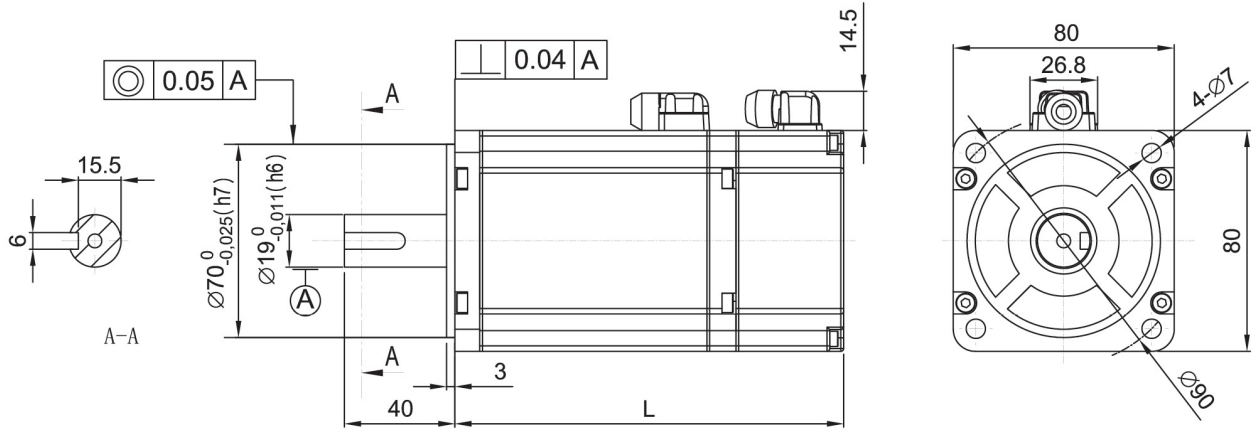


# HA80 | Core Type Servo



## Motor Data

1	motor type	HA8008C	HA8010C	
2	motor length L	140	160	mm
3	nominal voltage	220	220	v
4	nominal power	750	1000	W
5	nominal current	4.0	5.5	A
6	nominal speed	3000	3000	rpm
7	maximum speed	5000	5000	rpm
8	rated torque	2.37	3.18	Nm
9	peak torque	7.1	9.5	Nm
10	torque constant	0.6	0.58	Nm/A
11	rotor inertia	1.29	2.3	Kg*m <sup>2</sup> *10 <sup>-4</sup>
12	terminal resistance	2.2	1.86	$\Omega$
13	terminal inductance	8.6	9.7	mH
14	weight of motor	2.7	3.3	Kg
15	encoder options	incremental ( 2500PPR ) \ Absolute ( 17133bit )		
16	motor insulation class	B(130°C)		
17	cooling mode	self-cooling		
18	protection class	IP64		
19	ambient temperature	-20°C ~ +40°C No ice < 90%RH No condensation		
20	motor line	U(black) V(red) W(white) PE(yellow green/black)		
21	Fr(N) Bearing radial force	392		
22	Fa(N) Bearing axial force	147		
23	Excitation mode	Permanent magnet tpye		
24	installation	Flange type		

## Graph

A: Continuous Working Area  
B: Repeatedly Working Area

