



## Motor Data

	HA6002C	HA6004C		
1	motor type	HA6002C	HA6004C	
2	motor length	108	128	mm
3	nominal voltage	220	220	V
4	nominal power	200	400	W
5	nominal current	1.6	3.1	A
6	nominal speed	3000	3000	rpm
7	maximum speed	6000	6000	rpm
8	terminal inductance	10.3	5.6	mH
9	nominal torque	0.64	1.27	Nm
10	peak torque	1.9	3.8	Nm
11	torque constant	0.43	0.45	Nm/A
12	rotor inertia	0.25	0.43	Kg*m <sup>2</sup> ×10 <sup>-4</sup>
13	terminal resistance	9.4	2.8	Ω
14	weight of motor	1.0	1.4	Kg
15	encoder options	incremental (2500PPR) \ Absolute (17/33bit)		
16	motor insulation class	F(155°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	Bearing radial force	245		
22	Bearing axial force	68		
23	Excitation mode	Permanent magnet tpye		
24	installation	Flange type		

## Graph

A: Continuous Working Area  
B: Repeatedly Working Area

