



Motor parameters

		HA1309C	HA1313C	HA1318C	
1	Motor model	HA1309C	HA1313C	HA1318C	
2	Motor length	168	190	212	mm
3	Nominal line voltage	220	220	220	V
4	Nominal power	850	1300	1800	W
5	Nominal line current	7.0	9.3	12.46	A
6	Nominal speed	1500	1500	1500	rpm
7	Max speed	3000	3000	3000	rpm
8	Nominal torque	5.39	8.28	11.5	Nm
9	Peak torque	13.8	23.4	28.9	Nm
10	Torque constant	0.86	0.89	0.92	Nm/A
11	Rotor inertia	14.6(medium inertia)	19.8(medium inertia)	26.2	Kg*m ² *10 ⁻⁴
12	Line-to-line resistance	1.4	0.74	0.45	Ω
13	Line-to-line inductance	8.2	4.2	3.1	mH
14	Weight	8.6	9.2	12.4	Kg
15	Encoder resolution		2500		PPR
16	Insulation level of motor		F(155°C)		
17	Cooling mode		fully enclosed self-cooled		
18	Protection level		IP64		
19	Operating environment		-20°C ~ +40°C (No icing) lower than 90%RH (No condensing)		
20	Motor winding wire		U(red) V(green) W(black) PE(yellow green/black)		
21	Bearing radial force Fr(N)		686		
22	Bearing axial force Fa(N)		343		
23	Excitation mode		permanent magnet tpye		
24	Installation mode		flange type		

Graph

