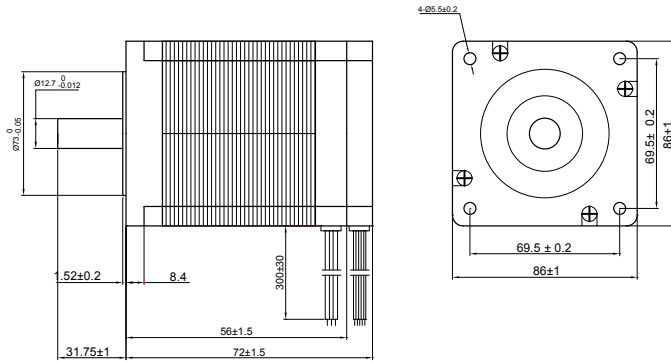


B8672 / Ø 86mm

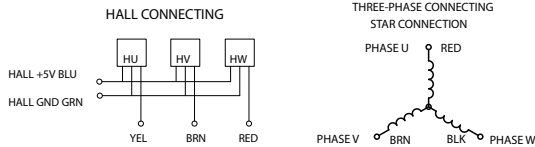
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: B8672-12

MOTOR DATA

	Units	B8672-12	B8672-24	B8672-48		Units	B8672		
Nominal voltage	V	12	24	48	Nominal voltage	V	12	24	48
Nominal power	W	117	112	117	Ambient temperature	°C	-15...+40		
No load speed	rpm	4500	3500	3700	Max. permissible winding temperature	°C	140	140	120
No load current	mA	5500	1400	600	Max. permissible speed	rpm	5000		
Nominal speed	rpm	3201	2994	3102	Axial play at axial load < 3,5 N	mm	0,1		
Nominal torque	Nm	0.349	0.357	0.359	Axial play at axial load > 3,5 N	mm	0,6		
Nominal current	A	14.95	47	19.4	Radial play	mm@g	0,02		
Stall torque	Nm	1.2	2.45	2.2	Max. axial load (dynamic)	N	60		
Starting current	A	49.5	47	19.4	Max. force for press fits (static)	N	560		
Max. efficiency	%	66.6	63.2	74.3	Max. force for press fits (static, shaft)	N	2000		
Terminal resistance phase to phase	Ω	0.066	0.21	0.98	Max. radial loading, 10 mm from flange	N	220		
Terminal inductance phase to phase	mH	0.12	0.51	2.58	Number of pole pairs		4		
Torque constant	Nm / A	0.0248	0.053	0.114	Number of phases		3		
Speed constant	rpm / V	375	146	77	Weight	g	1600		
Speed / torque gradient	rpm / Nm	3750	1428	1682					
Mechanical time constant	ms	16	6.1	7.2					
Rotor inertia	gcm ²	400	400	400					