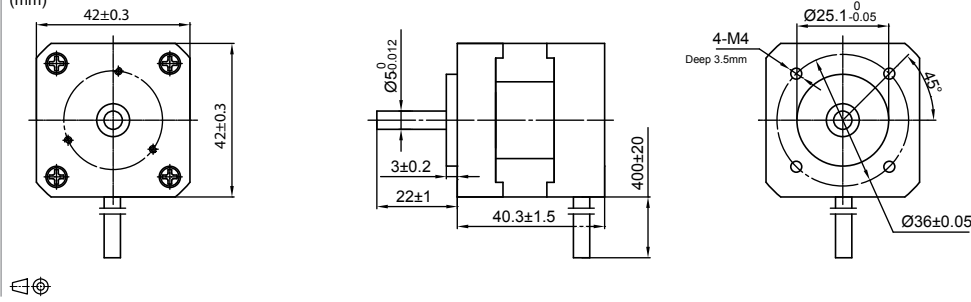
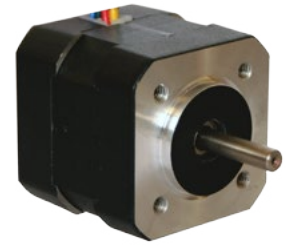


B4240 / Ø 42mm

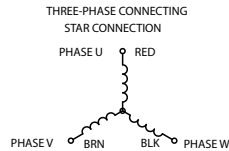
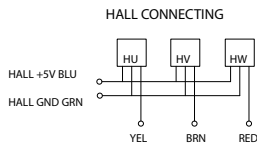
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: B4240-12

MOTOR DATA

	Units	B4240-12	B4240-24		Units	B4240
Nominal voltage	V	12	24	Ambient temperature	°C	-15...+40
Nominal power	W	26	26	Max. permissible winding temperature	°C	120
No load speed	rpm	6800	6500	Max. permissible speed	rpm	20000
No load current	mA	600	500	Axial play at axial load < 3,5 N	mm	0,1
Nominal speed	rpm	4000	4000	Axial play at axial load > 3,5 N	mm	0,6
Nominal torque	mNm	75	75	Radial play	mm@g	0.025@460
Nominal current	A	3,9	2	Max. axial load (dynamic)	N	10
Stall torque	mNm	200	240	Max. force for press fits (static)	N	200
Starting current	A	8,4	6,8	Max. force for press fits (static, shaft supported)	N	200
Max. Efficiency	%	59,1	64,5	Max. radial loading, 10 mm from flange	N	28
Terminal resistance phase to phase	Ω	0,42	1,5	Number of pole pairs		4
Terminal inductance phase to phase	mH	0,53	2,1	Number of phases		3
Torque constant	mNm / A	0,15	35	Weight	g	300
Speed constant	rpm / V	791	408			
Mechanical time constant	ms	9	9,01			
Rotor inertia	gcm ²	24	24			