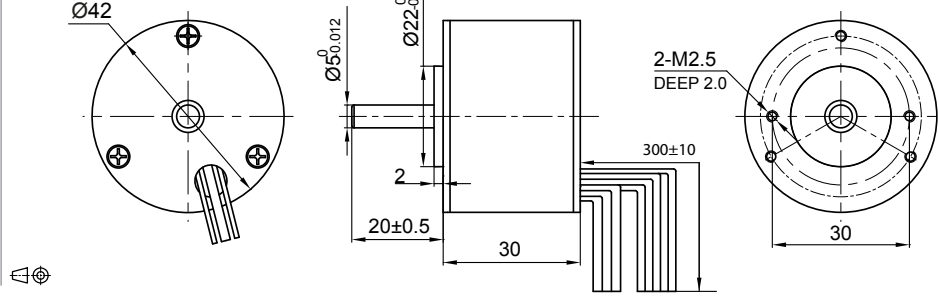


BR4230 / Ø 42mm

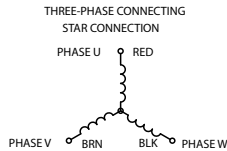
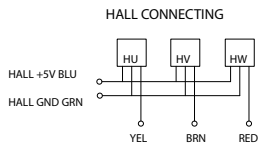
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: BR4230-12

MOTOR DATA

	Units	BR4230-12	BR4230-24		Units	BR4230
Nominal voltage	V	12	24	Ambient temperature	°C	-15...+40
Nominal power	W	10	8.4	Max. permissible winding temperature	°C	120
No load speed	rpm	6600	5500	Max. permissible speed	rpm	15000
No load current	mA	40	40	Axial play at axial load < 3,5 N	mm	0.07
Nominal speed	rpm	5000	4000	Axial play at axial load > 3,5 N	mm	0.07
Nominal torque	mNm	24	24	Radial play	mm@g	0.02@450
Nominal current	A	1.6	2	Max. axial load (dynamic)	N	4.4
Stall torque	mNm	60	60	Max. force for press fits (static)	N	4.4
Max. Efficiency	%	55	60	Max. force for press fits (static, shaft supported)	N	4.4
Terminal resistance phase to phase	Ω	1.08	5.9	Max. radial loading, 10 mm from flange	N	4
Terminal inductance phase to phase	mH	0.84	5.1	Number of pole pairs		8
Torque constant	mNm / A	16.12	48.7	Number of phases		3
Rotor inertia	gcm ²	24	24	Weight	g	250