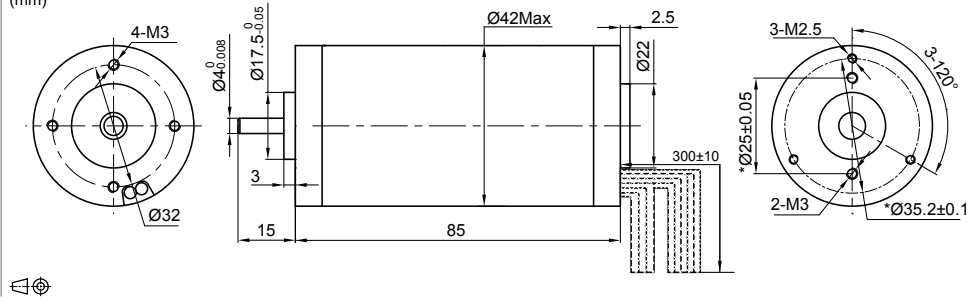


BR4285 / Ø 42mm

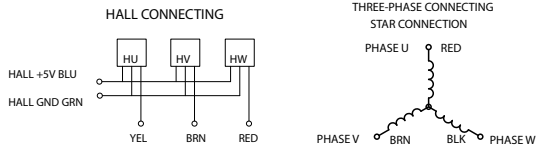
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: BR4285-12

MOTOR DATA

	Units	BR4285-24		Units	BR4285
Nominal voltage	V	24	Ambient temperature	°C	-15...+40
Nominal power	W	62	Max. permissible winding temperature	°C	120
No load speed	rpm	6000	Max. permissible speed	rpm	15000
No load current	mA	65	Axial play at axial load < 3,5 N	mm	0.06
Nominal speed	rpm	4000	Axial play at axial load > 3,5 N	mm	0.06
Nominal torque	mNm	180	Radial play	mm@g	0.02@450
Nominal current	A	12	Max. axial load (dynamic)	N	4.4
Stall torque	mNm	450	Max. force for press fits (static)	N	4.4
Max. Efficiency	%	73	Max. force for press fits (static, shaft supported)	N	4.4
Terminal resistance phase to phase	Ω	0.71	Max. radial loading, 10 mm from flange	N	4
Terminal inductance phase to phase	mH	0.86	Number of pole pairs		8
Torque constant	mNm / A	38.6	Number of phases		3
Rotor inertia	gcm ²	84	Weight	g	700