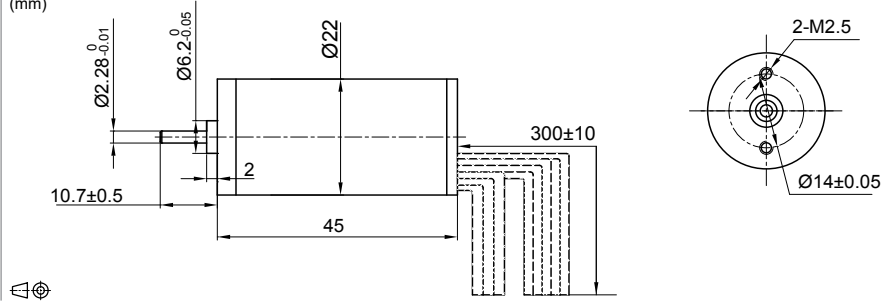


BR2245 / Ø 22mm

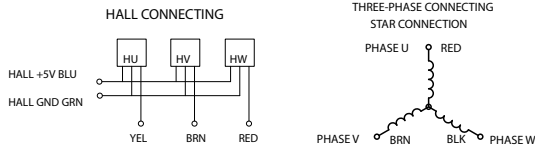
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: BR2245-12

MOTOR DATA

	Units	BR2245-12	BR2245-24		Units	B2245
Nominal voltage	V	12	24	Operating temperature	°C	-15...+40
Nominal power	W	4.3	3.8	Max. permissible winding temperature	°C	120
No load speed	rpm	7500	7000	Max. permissible speed	rpm	15000
No load current	mA	40	30	Axial play at axial load < 3,5 N	mm	0.08
Nominal speed	rpm	4800	4800	Axial play at axial load > 3,5 N	mm	0.08
Nominal torque	mNm	9.6	9.6	Radial play	mm@g	0.02@460
Nominal current	A	1.1	0.7	Max. axial load (dynamic)	N	4.4
Stall torque	mNm	20	21	Max. force for press fits (static)	N	4.4
Max. efficiency	%	50	50	Max. force for press fits (static, shaft supported)	N	4.4
Terminal resistance phase to phase	Ω	5.25	23	Max. radial loading, 10 mm from flange	N	4
Terminal inductance phase to phase	mH	1.6	6.2	Number of pole pairs		8
Torque constant	mNm / A	15.84	30.2	Number of phases		3
Rotor inertia	gcm ²	0.66	0.66	Weight	g	70