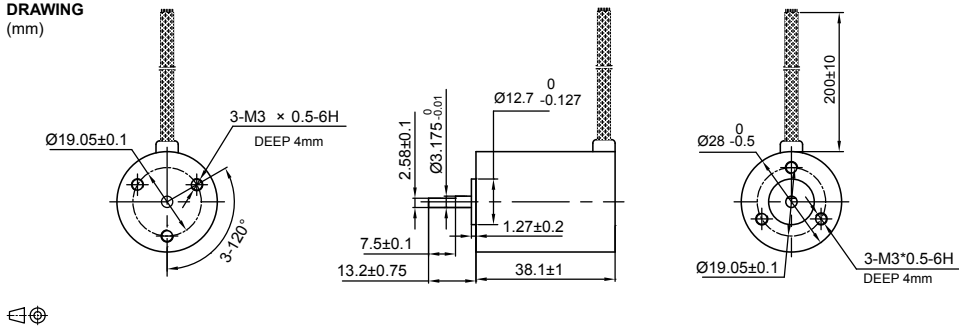


BR2838 / Ø 28mm

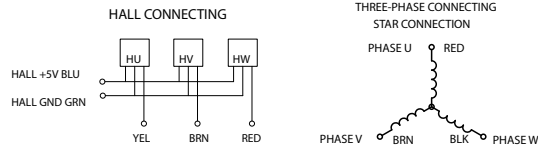
DRAWING (mm)



PHOTO



HALL CONNECTING



MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: BR2838-12

MOTOR DATA

	Units	BR2838-12	BR2838-24		Units	BR2838
Nominal voltage	V	12	24	Ambient temperature	°C	-15...+40
Nominal power	W	14	14	Max. permissible winding temperature	°C	120
No load speed	rpm	13000	13000	Max. permissible speed	rpm	15000
No load current	mA	30	40	Axial play at axial load < 3,5 N	mm	0.08
Nominal speed	rpm	10000	10000	Axial play at axial load > 3,5 N	mm	0.08
Nominal torque	mNm	17	17	Radial play	mm@g	0.02@450
Nominal current	A	2	2,5	Max. axial load (dynamic)	N	4.4
Stall torque	mNm	45	45	Max. force for press fits (static)	N	4.4
Max. Efficiency	%	60	64	Max. force for press fits (static, shaft supported)	N	4.4
Terminal resistance phase to phase	Ω	1,1	4,2	Max. radial loading, 10 mm from flange	N	4
Terminal inductance phase to phase	mH	0,4	1,69	Number of pole pairs		4
Torque constant	mNm / A	10	16	Number of phases		3
Rotor inertia	gcm ²	3.69	3.69	Weight	g	82