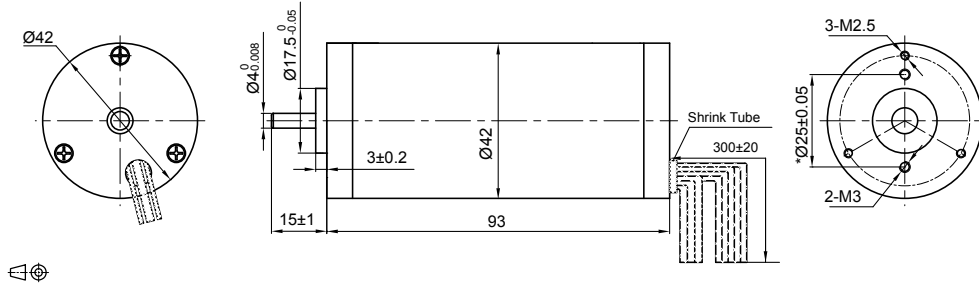


# BR4293 / Ø 42mm

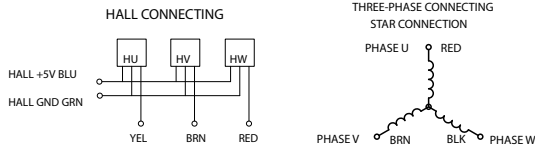
## DRAWING (mm)



## PHOTO



## HALL CONNECTING



## MODEL NO. DESIGNATION

MODEL - VOLTAGE

Example: BR4293-12

## MOTOR DATA

	Units	BR4293-24		Units	BR4293
Nominal voltage	V	24	Ambient temperature	°C	-15...+40
Nominal power	W	75	Max. permissible winding temperature	°C	120
No load speed	rpm	8000	Max. permissible speed	rpm	15000
No load current	mA	85	Axial play at axial load < 3,5 N	mm	0.06
Nominal speed	rpm	6300	Axial play at axial load > 3,5 N	mm	0.06
Nominal torque	mNm	138	Radial play	mm@g	0.02@450
Nominal current	A	20	Max. axial load (dynamic)	N	4.4
Stall torque	mNm	500	Max. force for press fits (static)	N	4.4
Max. Efficiency	%	75	Max. force for press fits (static, shaft supported)	N	4.4
Terminal resistance phase to phase	$\Omega$	0.325	Max. radial loading, 10 mm from flange	N	4
Terminal inductance phase to phase	mH	0.36	Number of pole pairs		8
Torque constant	mNm / A	28.7	Number of phases		3
Rotor inertia	gcm <sup>2</sup>	94	Weight	g	800