



## 28mm Brushless DC Series



### SPECIFICATIONS:

Winding Type	Star, 3 phase, 4 pole
Hall Effect Angle	120 degree electrical angle
Shaft Runout	0.025mm
Shaft Radial Play	0.02mm@450g
Shaft Axial Play	0.08mm@450g
Max Radial Force	15N @10mm from the flange
Max Axial Force	10N
Insulation Class	Class B
Dielectric Strength	500V for one minute
Insulation Resistance	> 100M $\Omega$ , 500V

### SUBMODELS:

The following are common sub models for the LDO-28BL series. Click to request a quote and/or more information on a specific sub model.

	Rated Voltage	Rated Speed	Rated Torque	Peak Torque	Peak Current	Power	Line to Line Resistance	Line to Line Inductance	Torque Constant	Rotor Inertia	Body Length	Approx. Weight
Part No.	(V)	(RPM)	(mNm)	(mNm)	(A)	(W)	( $\Omega$ )	(mH)	(mNm/A)	(g-cm <sup>2</sup> )	(mm)	(kg)
LDO-28BLR26	15	8000	7	21	2.5	6	8	2	13.7	1.23	26	0.060
LDO-28BLR38	24	10000	14.12	42.4	2.8	14.78	4.63	1.69	16	2.12	38	0.082
LDO-28BLR77	24	3700	50	150	3	16	4.20	2.2	50	5.98	77	0.280