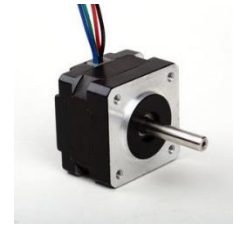




35mm Hybrid Stepper Series

SPECIFICATIONS:



Step Angle	1.8° (±5% @ full step, no load)
Resistance Accuracy	±10%
Inductance Accuracy	±20%
Temperature Rise	≤80K
Ambient Temperature	-20°C to 50°C
Shaft Radial Play	≤0.02mm @ 450g-load
Shaft Axial Play	≤0.02mm @ 450g-load
Max Radial Force	28N @ 20mm from flange
Max Axial Force	10N
Dielectric Strength	500V for one minute
Insulation Resistance	≥100MΩ, 500VDC

SUBMODELS:

The following are common submodels for the LDO-35STH series.

	Rated Voltage	Current /Phase	Resistance /Phase	Inductance /Phase	Holding Torque	Num. Leads	Rotor Inertia	Approx. Weight	Stall Torque	Body Length
Part No.	(V)	(A)	(ohm)	(mH)	(kg-cm)	()	(g-cm ²)	(kg)	(kg-cm)	(mm)
LDO-35STH26-0284	7.4	0.28	26	27	0.7	4	10	0.13	0.06	26
LDO-35STH28-0504	10	0.5	20	14	1.0	4	11	0.14	0.08	28
LDO-35STH36-1004	2.7	1.0	2.7	4.3	1.4	4	14	0.18	0.10	36