



PL Linear
Type Motors

Reference Characteristics

Motor Size	PL35L — A24
Number of Steps per Rotation	24 step
Screw Pitch	0.8mm
Pitch / Step (at 2phase on)	0.033mm / Step
Drive Method	1 — 2 PHASE
Drive Circuit	BIPOLAR CHOPPER
Drive Voltage	13 [V]
DC Resistance	7.7 [Ω]
Current / Phase	500 [mA]
Drive IC	UDN2916B — V
Magnet Material	Polar anisotropy ferrite sintered magnet (MS50)
Insulation Resistance	100M [Ω] MIN
Dielectric Strength	AC 500 [V] 1 [min]
Class of Insulation	CLASS B (‘J — except lead wire)
Operating Temp.	— 10 [°C] ~ 65 [°C]
Storage Temp.	— 30 [°C] ~ 80 [°C]
Operating Hum.	20 [%] RH ~ 90 [%] RH

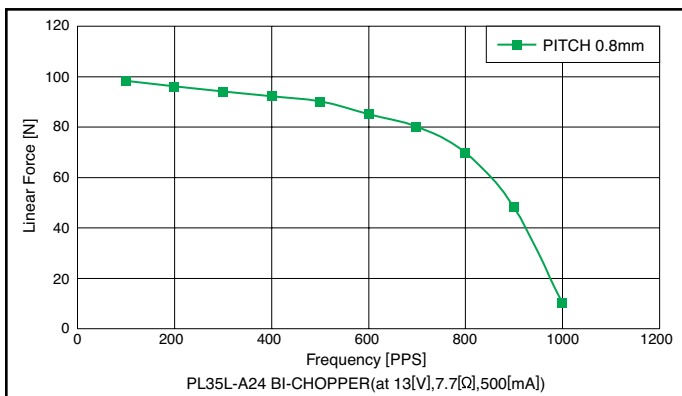
Applications

Industrial equipment : Flow control valves

Communication equipment : Antenna adjustment device

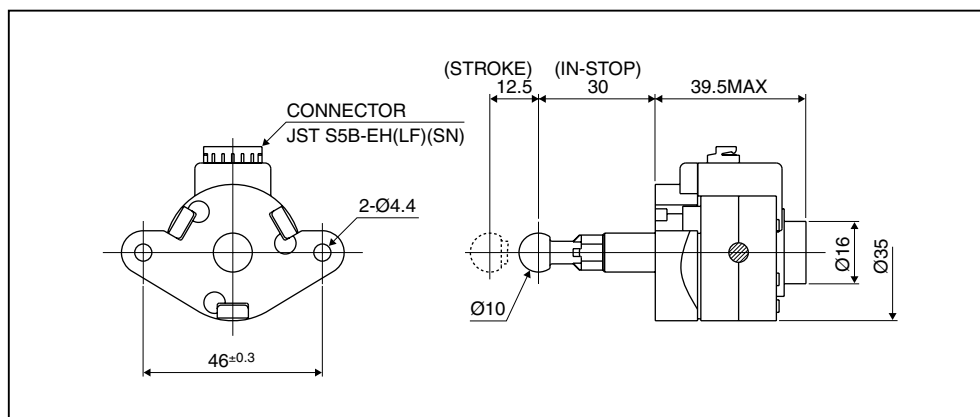
Automotive : Optic axis control device

Torque Characteristics



These torque values are reference only. Heat radiation conditions and temperature rise effect by duty are different on each equipment, therefore please select motors after considering the actual equipment.

Dimensions



Please contact our sales for inventory and lot information. Specification may be changed without notice.