

LINEAR ACTUATOR

AID10 ACME series

12/24V DC Motor
 Max. Load: 3500N
 Max. Speed: 35 mm/sec

FEATURE:

- Steel Extension Tube
- Working Temperature : - 25°C to +65°C
- Static Load Capacity : 4500 N
- ACME Screw
- Powder Metallurgy Gears
- No Back Driving
- Overload Protection by Clutch
- Stroke Length: 100 - 600 mm
- Duty Cycle: 25 %
- Gear Ratio: 10:1, 20:1, 40: 1
- Protection: IP54

Option:

- Potentiometer
- Adjustable Limit Switches
- Protection: IP65

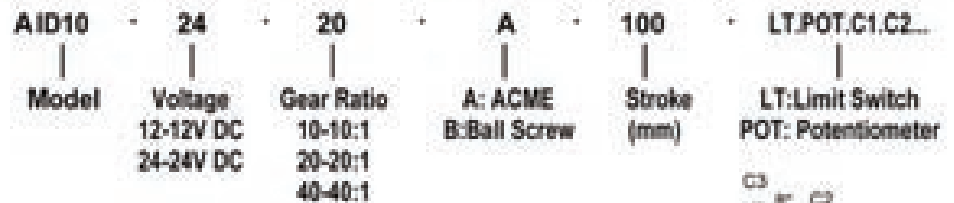


Standard

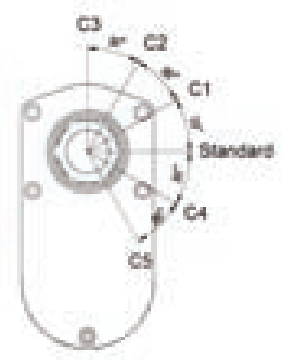


Potentiometer

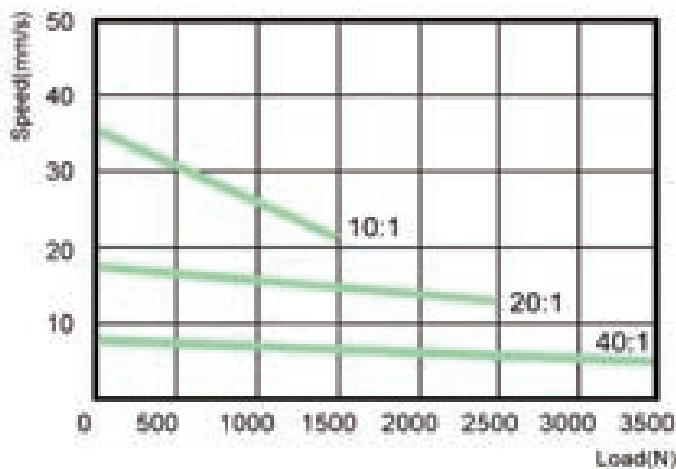
Model No. Designations:



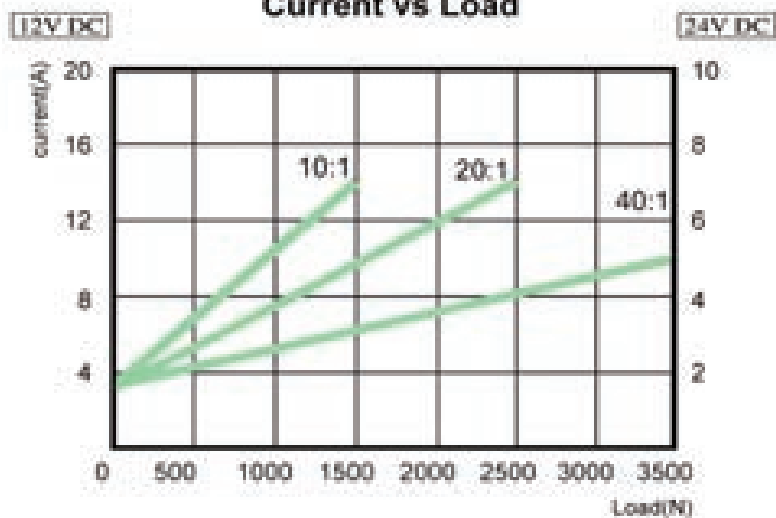
Gear Ratio	Max. Push (N)	Max. Pull (N)	Speed at No load (mm/s)	Speed at Full load (mm/s)	Stroke B-A (mm)	Voltage (VDC)
10:1	1500	1500	35	21	100-600	12/24
20:1	2500	2500	17	13	100-600	12/24
40:1	3500	3500	8	7	100-600	12/24




Speed vs Load

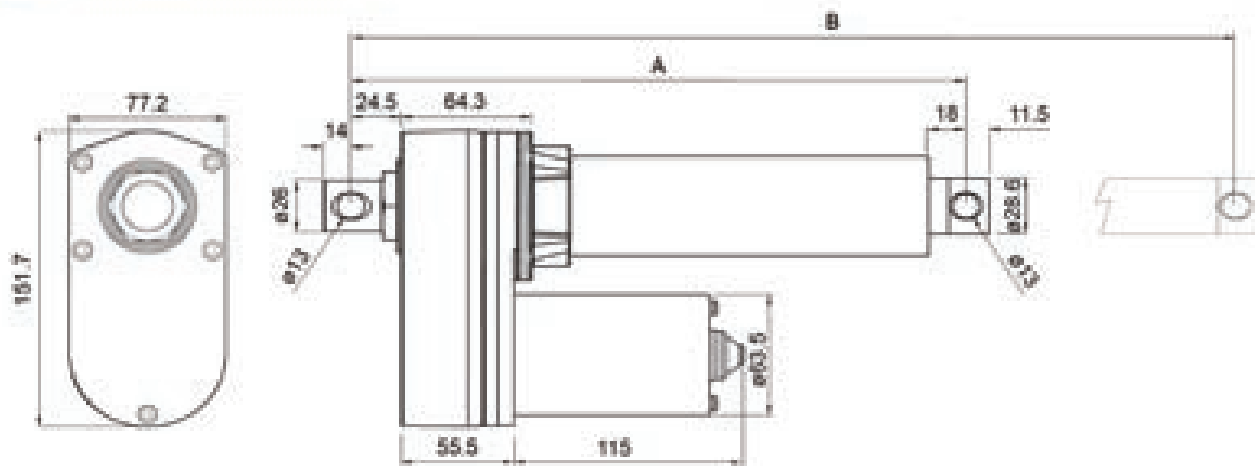


Current vs Load




Standard

	Stroke(±5mm)	4"	6"	8"	12"	18"	24"
	Retracted Length(A±3mm)	102 mm	152 mm	203 mm	305mm	457mm	610mm
	Extended Length(B±3mm)	260 mm	311 mm	362 mm	464mm	691mm	844mm



With Limit Switches or Potentiometer (POT)

	Stroke(±5mm)	4"	6"	8"	12"	18"	24"
	Retracted Length(A±3mm)	300 mm	351 mm	402 mm	504mm	731mm	884mm
	Extended Length(B±3mm)	402 mm	504 mm	606 mm	810mm	1190mm	1496mm

