

LINEAR ACTUATOR

IA5 Ball Screw series



Standard



Potentiometer & Limit Switches

115 / 230 V AC Motor
 Max. Load: 7,000 N
 Max. Speed: 52.8 mm/sec

Feature :

- Steel Extension Tube
- Working Temperature: -26°C to +65°C
- Static Load Capacity: 13,600 N
- Ball Screw
- Powder Metallurgy Gears
- Aluminium Alloy Housing
- Overload Protection by Clutch
- Self-Locking
- Thermal Overload Protection in the Motor
- Duty Cycle: 25 %
- Gear Ratio: 5:1, 10:1, 20:1, 30:1, 40:1
- Protection: IP54

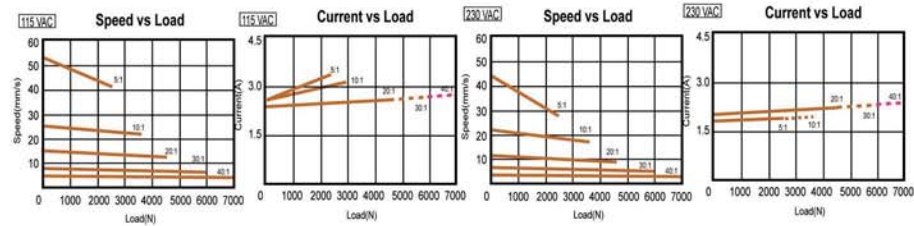
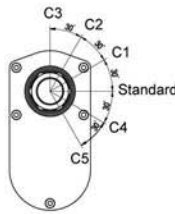
Option :

- Potentiometer
- Adjustable Limit Switches
- Optional or Customized Front/Rear Mounting Bracket
- Protection: IP65

Model No. Designations:

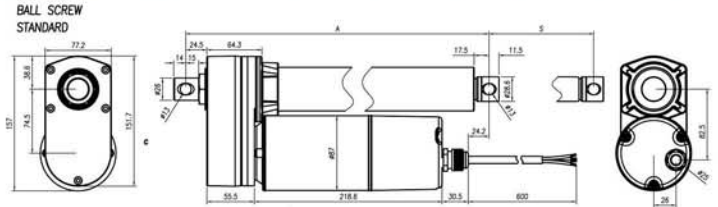
IA5	230	40	B	610	POT.LT.IP65
Model	Voltage 230 V AC 115 V AC	Gear Ratio 40-40:1 30-30:1 20-20:1 10-10:1 5-5:1	B:Ball Screw A: ACME	Stroke (mm)	POT: Potentiometer LT: Limit Switch IP65

Gear Ratio	Max. Push (N)	Max. Pull (N)	Speed at No load (mm/s)	Speed at Full load (mm/s)	Stroke (mm)	Voltage (VAC)
5:1	2500	2500	52.8 / 43.5	40.8 / 29	102-610	115 / 230
10:1	3500	3500	26.5 / 21.8	22.9 / 17.5	102-610	115 / 230
20:1	4500	4500	13.1 / 10.8	11.8 / 9.3	102-610	115 / 230
30:1	6000	6000	8.7 / 7.2	7.9 / 6.3	102-610	115 / 230
40:1	7000	7000	6.6 / 5.4	6.0 / 4.9	102-610	115 / 230



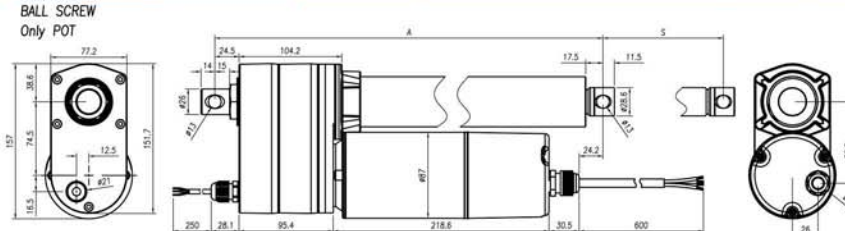
Standard

	4"	6"	8"	12"	18"	24"
Stroke(±2.5mm)	102 mm	153 mm	203 mm	305mm	457mm	610mm
Retracted Length(A±3.8mm)	302 mm	353 mm	404 mm	506mm	735mm	888mm



With Potentiometer (POT)

	4"	6"	8"	12"	18"	24"
Stroke(±2.5mm)	102 mm	153 mm	203 mm	305mm	457mm	610mm
Retracted Length(A±3.8mm)	342mm	393 mm	444 mm	546 mm	775mm	928mm



With Limit Switches or Limit Switches+POT

	4"	6"	8"	12"	18"	24"
Stroke(±5mm)	102 mm	153 mm	203 mm	305mm	457mm	610mm
Retracted Length(A±5mm)	399 mm	450 mm	501 mm	680mm	832mm	985mm

