

LINEAR ACTUATOR

IA5 ACME series

115 / 230 V AC Motor
Max. Load: 3,500 N
Max. Speed: 26.5 mm/sec

Feature :

Steel Extension Tube
Working Temperature: -26°C to +65°C
Static Load Capacity: 4,500 N
ACME Screw
Powder Metallurgy Gears
Aluminium Alloy Housing
Overload Protection by Clutch
Self-Locking
Thermal Overload Protection in the Motor
Duty Cycle: 25 %
Gear Ratio: 10:1, 20:1, 40:1
Protection: IP54

Option :

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



Standard

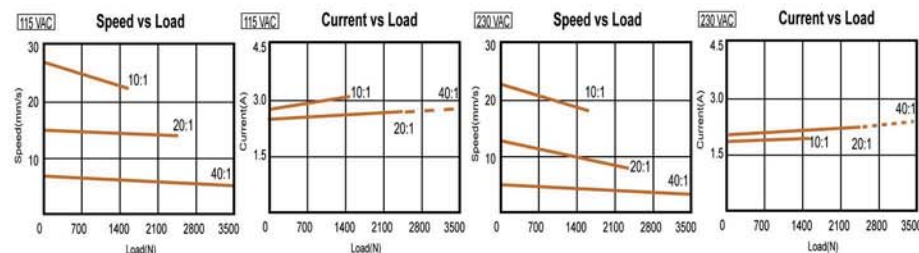
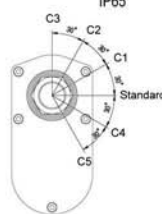


Potentiometer
& Limit Switches

Model No. Designations:

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

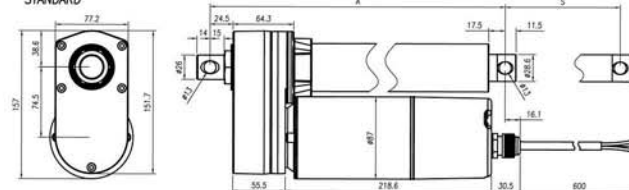
Gear Ratio	Max. Push (N)	Max. Pull (N)	Speed at No load (mm/s)	Speed at Full load (mm/s)	Stroke (mm)	Voltage (VAC)
10:1	1500	1500	26.5 / 21.8	22.9 / 17.5	102-610	115 / 230
20:1	2500	2500	13.1 / 10.8	11.8 / 9.3	102-610	115 / 230
40:1	3500	3500	6.6 / 5.4	6.0 / 4.9	102-610	115 / 230



Standard

	4"	6"	8"	12"	18"	24"
Stroke(±2.5mm)	102 mm	153 mm	203 mm	305mm	457mm	610mm
Retracted Length(A±3.8mm)	262 mm	313 mm	364 mm	465mm	668mm	821mm

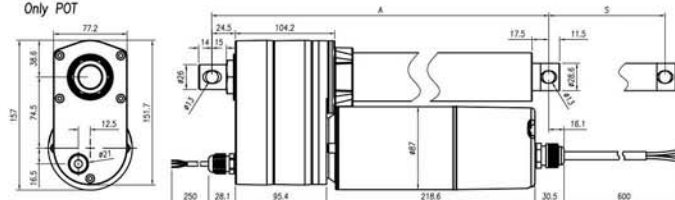
ACME
STANDARD



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)	302 mm	353 mm	404 mm	505 mm	708mm	861mm

ACME
Only POT



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)	359 mm	410 mm	460 mm	613mm	765mm	918mm

ACME
With LT

With LT+POT

