Linear actuator V70B

TEHCNICAL SPECIFICATIONS

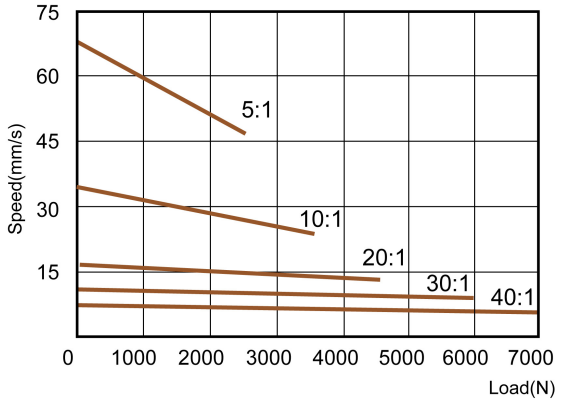
Motor type	24 V DC or 12 V DC
Screw	BALL screw
Protection grade	IP54
Maximum strength	7000 N in push / 7000 N in pull
Static load capability	13600 N
Over-load protection	by clutch
Gear ratio	5:1 / 10:1 / 20:1 / 30:1 / 40:1
Strokes	from 102 mm to 610 mm (with or without limit switch)
Speed	maximum 47.2 mm / sec. at full load
Compatibility control box	BCI
Current	maximum 26.4 A under 12 VDC at full load
Inner tube material	Stainless steel
Duty cycle	25 %
Operating temperatures	-25° C to +60° C
Colour	black

Options :

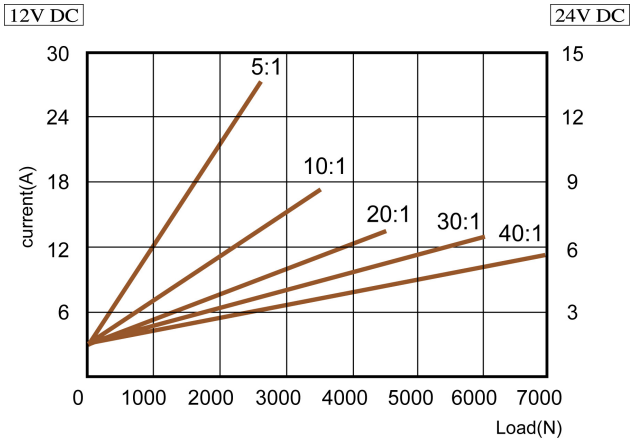
Adjustable stroke	fine-tuning by limit cam
Positioning setting	by potentiometer
Manual drive	by hand crank
Protection grade	IP65

PERFORMANCES

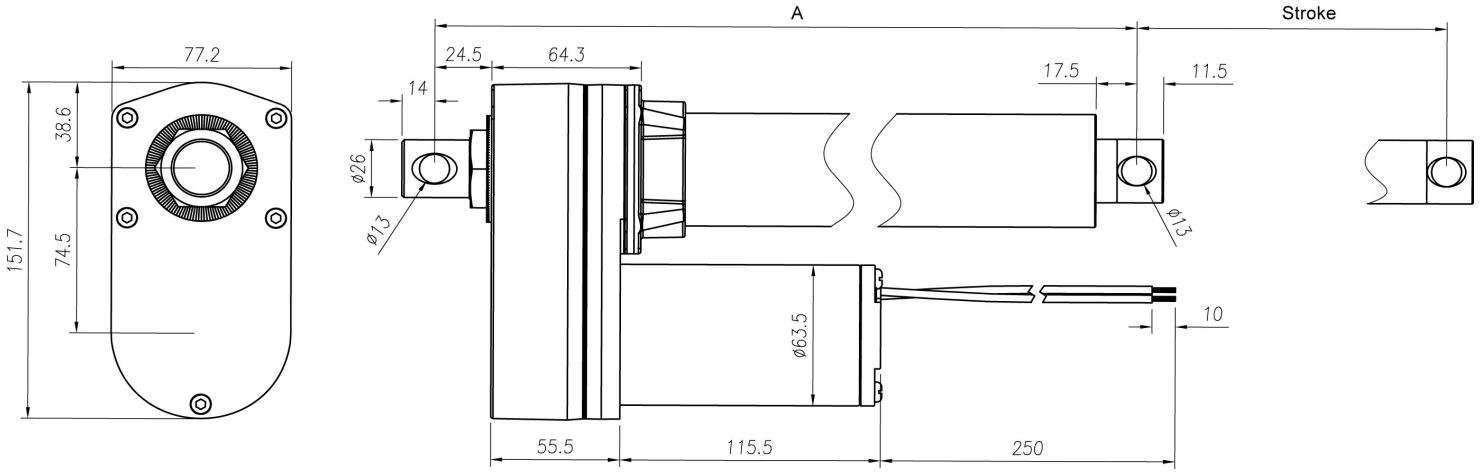
Speed / Load



Current / Load



DIMENSIONS



Standard version :

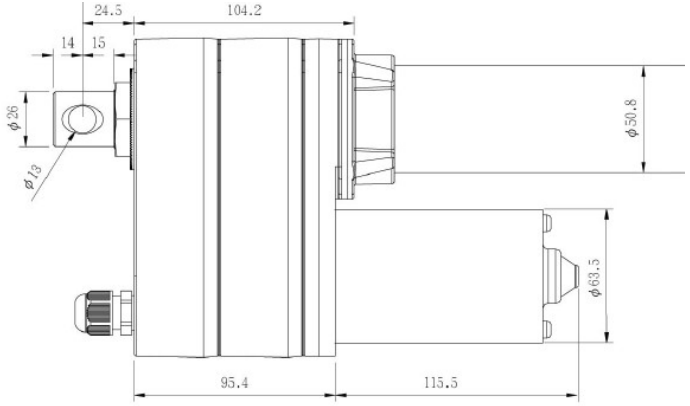
Stroke mm (B-A)	100 mm	150 mm	200 mm	300mm	457mm	610mm
A	302 mm	353 mm	404 mm	505mm	735mm	887mm
B	402 mm	503 mm	604 mm	805mm	1192mm	1497mm

Micro-switches / Potentiometer version :

100 mm	150 mm	200 mm	300mm	457mm	610mm
342 mm	392 mm	444 mm	545mm	775mm	927mm
442 mm	542 mm	644 mm	845mm	1232mm	1537mm

Gear Ratio :

Sizes with Potentiometer :



Rapport de réduction	Poussée maxi (N)	Traction maxi (N)	Vitesse à vide (mm/sec)	Vitesse en charge (mm/sec)
5 :1	2300	2300	65	40
10 :1	3500	3500	35	21
20 :1	4500	4500	18	13
30 :1	6000	6000	11	9
40 :1	7000	7000	8	7