

DMA ACME SCREW LINEAR DC ACTUATORS

Heavy duty robust linear dc motor actuators for tough environments with ACME self lock lead screws and IP65 standard protection. Overload protection by mechanical ball clutches and optional Integrated adjustable limit switch and potentiometer feedback. Enhanced corrosion resistance and powder coated metal parts. Speed and force can be reduced by lowering the applied voltage and or limiting the current.

ADDITIONAL DATA

- Ambient temperature -25~+65 °C
- Static load capacity 4500N
- Extension tube (steel) powder coated
- Protection tube (steel) powder coated
- Powder coated aluminium alloy
- Powder metal gears
- Enhanced corrosion resistance
- Overload protection (clutch)
- Well sealed O-ring
- Lubricated for service life
- Robust designed for tough environment
- Self locking
- Duty cycle 25% (25% on / 75% off time)
- Certified (CE55011)

MODEL NO. DESIGNATIONS

DMA	12	20	A	200	LT	IP65
type	voltage	ratio	A: ACME	stroke	option	
	12V DC	10		102mm	LT: Limit switch	
	24V DC	20		152mm	POT: Potentiometer	
		40		203mm	LT-POT: Limit switch and Potentiometer	
				305mm		
				457mm		
				610mm		

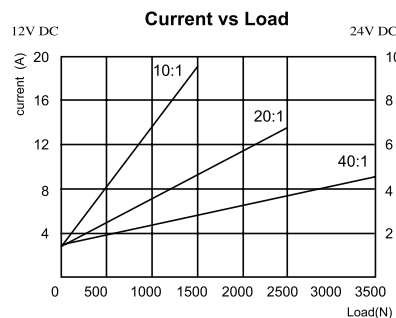
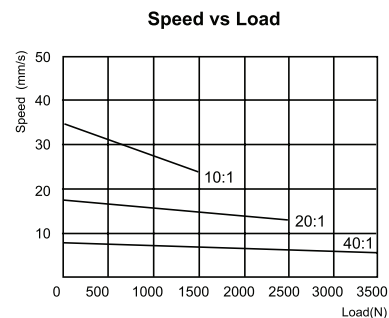
DMA ACME SCREW



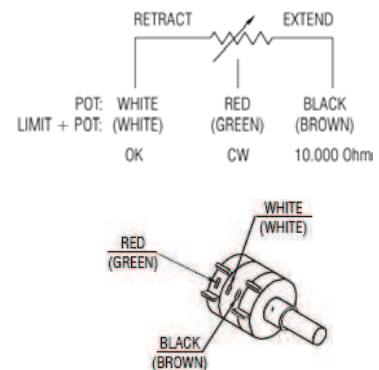
DMA ACME SCREW POTENTIOMETER



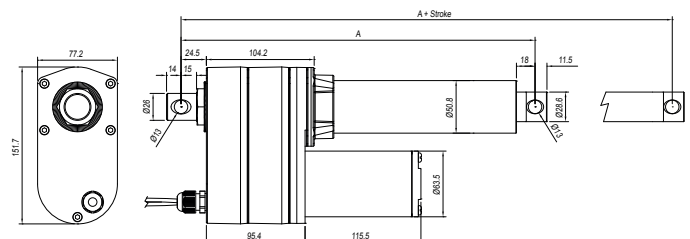
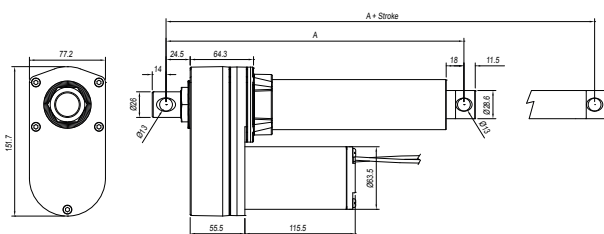
DIAGRAM



APPEARANCE SIZE



APPEARANCE SIZE



	Standard					
Stroke (±2.5mm)	102	153	203	305	457	610
A (Retracted ±3.8 mm)	262	313	364	465	668	821
Weight (Kg)	4.3	4.6	4.9	5.4	6.2	7.8

	With Potentiometer and Limit Switch					
Stroke (±2.5mm)	102	153	203	305	457	610
Weight (Kg)	4.3	4.6	4.9	5.4	6.2	7.8

	With Potentiometer					
A (Retracted ±3.8 mm)	302	353	404	505	708	861
Pot (Ohm/mm)	100	67	50	33	22	17

	With Limit Switch					
A (Retracted ±3.8 mm)	359	410	460	613	765	918