

DMA BALL SCREW LINEAR DC ACTUATORS

Heavy duty robust linear dc motor actuators for tough environments with ball 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

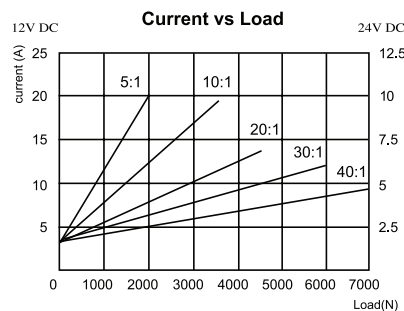
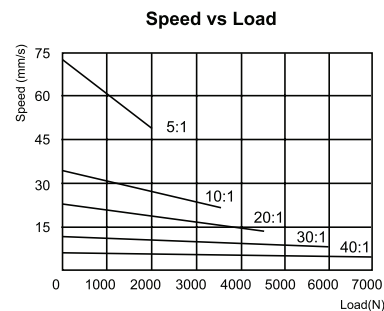
- Ambient temperature -25~+65 °C
- Static load capacity 13600N
- Extension tube (steel) powder coated
- Protection tube (steel) powder coated
- Powder coated aluminium alloy
- Powder metal gears
- Enhanced corrosion resistance
- Overload protection (clutch)
- Well sealed O-ring
- Lubricated for service life
- Robust designed for tough environment
- Self locking
- Duty cycle 25% (25% on / 75% off time)
- Certified (CE55011)

MODEL NO. DESIGNATIONS

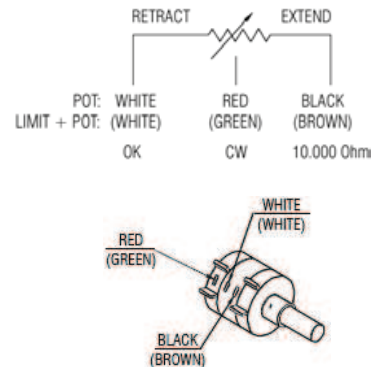
DMA	12	20	A	200	LT	IP65
type	voltage	ratio	B: Ball screw	stroke	option	
	12V DC	5		84mm	LT: Limit switch	
	24V DC	10		135mm	POT: Potentiometer	
		20		186mm	LT-POT: Limit switch and Potentiometer	
		30		288mm		
		40		457mm		
				610mm		



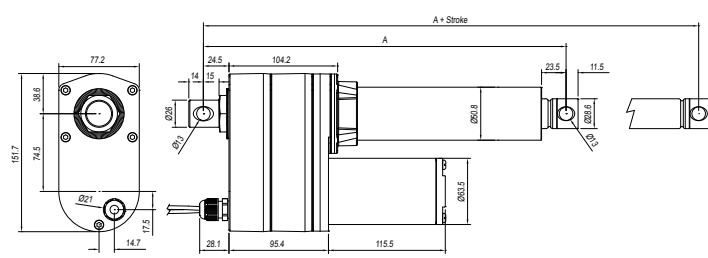
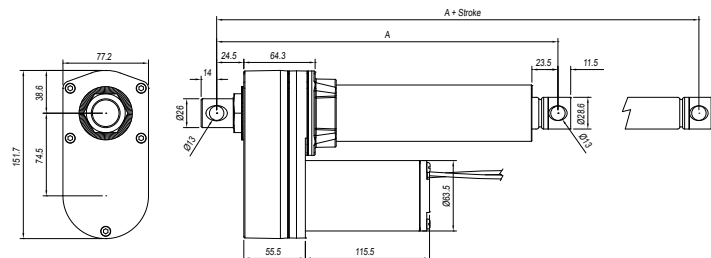
DIAGRAM



APPEARANCE SIZE



APPEARANCE SIZE



Standard						
Stroke (±5mm)	102	153	203	305	457	610
A (Retracted ±3 mm)	302	353	404	506	735	888
Weight (Kg)	4.3	4.6	4.9	5.4	6.2	7.8

With Potentiometer and Limit Switch						
Stroke (±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)	342	393	444	546	775	928
Pot (Ohm/mm)	119	74	54	35	22	16
With Limit Switch						
A (Retracted ±3.8 mm)	399	450	501	680	832	985