

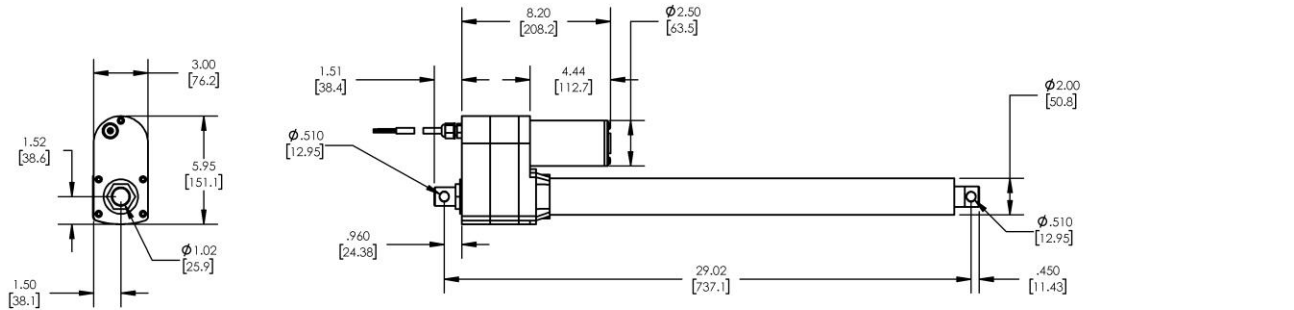


DC LINEAR ACTUATOR

- IP65 INGRESS PROTECTION
- BUILT-IN LIMIT SWITCHES AT EACH END OF TRAVEL
- ACME SCREW (ANTI-BACKDRIVING)

Model Number:

MMP LA5-12V-10-A-450-P



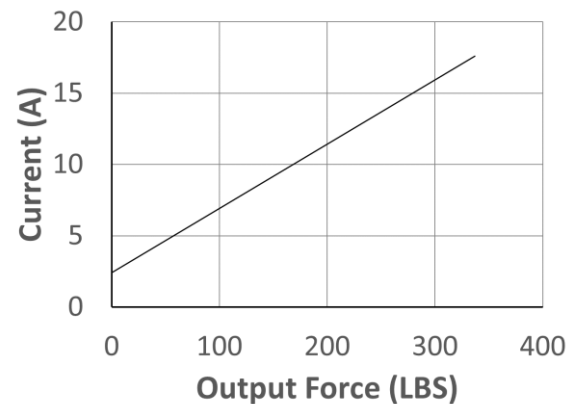
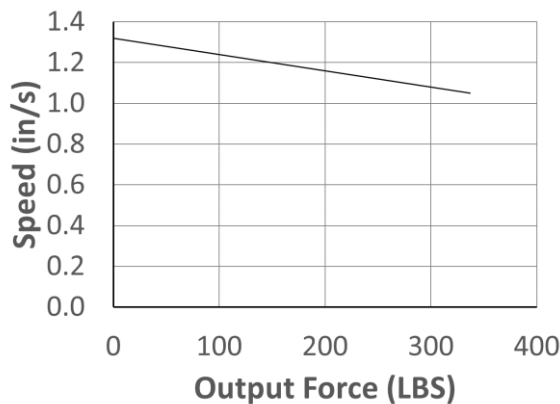
DIMENSIONS ARE INCHES [MM]
UNLESS OTHERWISE STATED

MMP LA5 WIRE LEADS
LENGTH IS 10 [254]
(2) ACTUATOR POWER (14 AWG)
RED (+) AND BLACK (-) WILL EXTEND ACTUATOR
RED (-) AND BLACK (+) WILL RETRACT ACTUATOR

(3) POTENTIOMETER (22 AWG)
YELLOW (VCC)
BLUE (WIPER)
WHITE (GND)

PERFORMANCE PARAMETERS	VALUE	UNITS	TOLERANCE
Rated DC Voltage	12	VDC	----
Gear Ratio	10:1	----	----
Rated Force Capacity	337 (1500)	LBS (N)	MAX
Rated Current (at rated force capacity)	17.6	AMPERES	MAX
Rated Stroke Speed (at rated force capacity)	1.05 (26.7)	IN/SEC (MM/SEC)	± 10%
Stroke Speed at No-Load	1.32 (33.5)	IN/SEC (MM/SEC)	± 10%
Static Load Capacity	1012 (4500)	LBS (N)	MAX
Maximum Recommended Duty	25%	----	MAX
Minimum Ambient Operating Temperature Range	-13 (-25)	°F (C)	MIN
Maximum Ambient Operating Temperature Range	149 (65)	°F (C)	MAX
Actuator Resistance Stroke Range (BLU-WHT)	9	kΩ	± 2
Actuator Full Resistance (YLW - WHT)	10	kΩ	± 0.5

PERFORMANCE CURVES:



• OPTIONAL MOUNTING BRACKET OPTION AVAILABLE – [FOLLOW THIS LINK FOR DETAILS](#)

MIDWEST MOTION PRODUCTS, INC

DESIGN, MANUFACTURING & DISTRIBUTION - MOTION CONTROL EQUIPMENT

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