

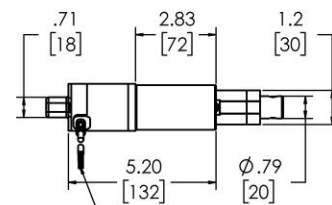
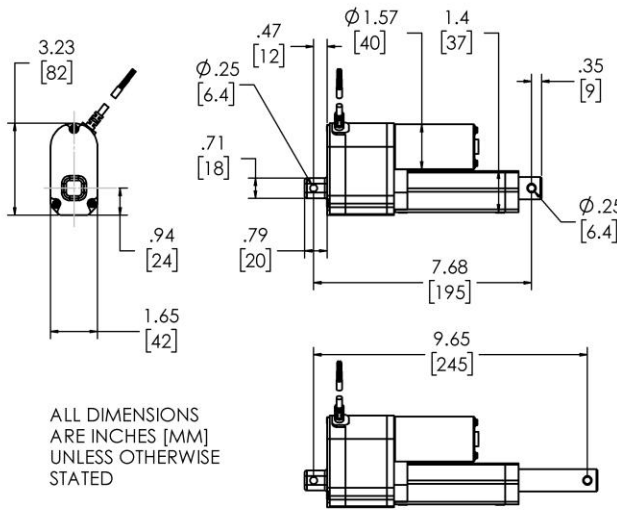


Model Number:

MMP LA3-12V-20-A-50-P

DC LINEAR ACTUATOR

- IP65 INGRESS PROTECTION
- BUILT-IN LIMIT SWITCHES AT EACH END OF TRAVEL
- ACME SCREW (ANTI-BACKDRIVING)
- NON-ROTATING ALUMINUM INNER TUBE



MMP LA3 WIRE LEADS
22 AWG; LENGTH IS 35.4 [900]

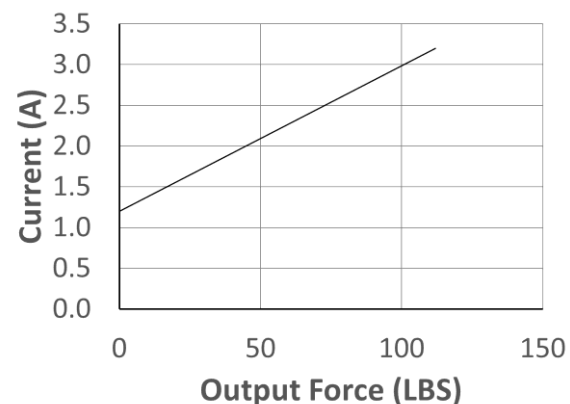
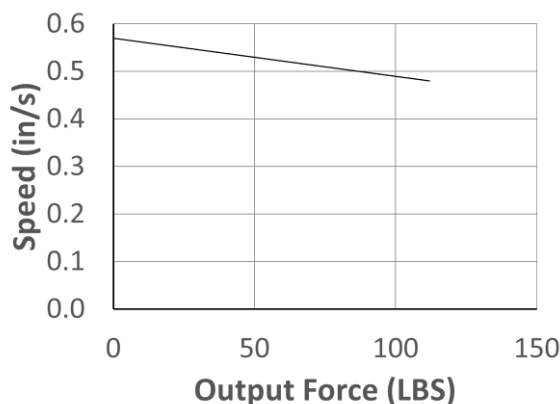
(2) ACTUATOR POWER
RED (-) AND BLACK (+) WILL
EXTEND ACTUATOR

RED (+) AND BLACK (-) WILL
RETRACT ACTUATOR

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

PERFORMANCE PARAMETERS	VALUE	UNITS	TOLERANCE
Rated DC Voltage	12	VDC	----
Gear Ratio	20:1	----	----
Rated Force Capacity	112 (500)	LBS (N)	MAX
Rated Current (at rated force capacity)	3.2	AMPERES	MAX
Rated Stroke Speed (at rated force capacity)	0.48 (12.2)	IN/SEC (MM/SEC)	± 10%
Stroke Speed at No-Load	0.57 (14.5)	IN/SEC (MM/SEC)	± 10%
Static Load Capacity	562 (2500)	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)	9.3	kΩ	± 1
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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