



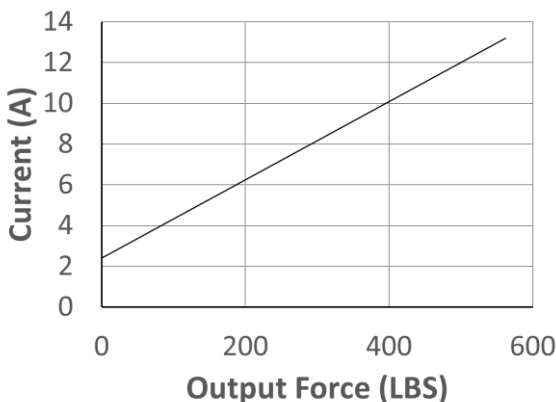
MMP LA5-12V-20-A-450-P



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	20:1	----	----
Rated Force Capacity	562 (2500)	LBS (N)	MAX
Rated Current (at rated force capacity)	13.2	AMPERES	MAX
Rated Stroke Speed (at rated force capacity)	0.56 (14.2)	IN/SEC (MM/SEC)	± 10%
Stroke Speed at No-Load	0.66 (16.8)	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

Output Force (LBS)	Speed (in/s)
0	0.65
200	0.62
400	0.59
550	0.57



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