

# 4000 Linear

## General Specifications:

- Output Force Over 2000 lbs
- Linear Speeds up to 2" per second
- Stroke Length 4" to 24"
- Brushless DC Motor
- Oil-Filled - Self-Contained - Compensated

## Operating Conditions:

- Voltage 12 <-> 200 Volts DC
- Operating Depth Greater Than 10,000 ft
- Operating Temperature Range: -20°C to 65°C
- Storage Temperature Range: -30°C to 85°C

## Onboard Motor Driver and Servo System:

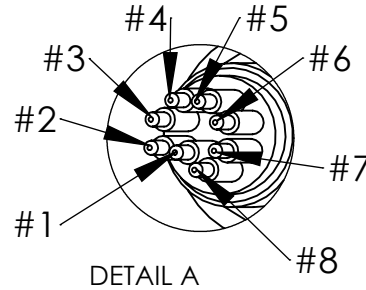
- Configurable current limits, power and speed
- Isolated RS-232 Interface
- Optional RS-485, Analog, Modbus or CAN Bus
- Contactless non-wearing absolute position encoder
- Does not require homing
- 0.010" Accuracy

## Current Draw @24V DC:

- Idle current = 0.03A
- Motor ON braking = 0.05 A
- Max force @ Stall = 8.0A

### Pinouts for MCBH-8M

- 1: - VIN
- 2: - VIN
- 3: + VIN
- 4: + VIN
- 5: N/A
- 6: RS-232 GND
- 7: TX (RS-232 out)
- 8: RX (RS-232 in)



Shaft Style	Shaft Length (in.)	Material	Dry Weight (lbs)	Wet Weight (lbs)	Connectors	Special Features
Rod End *	R 6.00	Titanium	23	16	MCBH 6 Pin Male	6M Planetary Set *
Clevis Pin	C 8.00	316 Stainless Steel *	32	25	MCBH 8 Pin Male *	8M Mechanical Brake
	10.00 *	6061-Aluminum-Natural	20	13	MCBH 6 Pin Female	6F
	12.00	6061-Aluminum-Black	20	13	MCBH 8 Pin Female	8F
		6061-Aluminum-Blue	20	13		
		6061-Aluminum-Green	20	13		
		6061-Aluminum-Red	20	13		
* Model shown: 4000L-R10000-SS-8M-PL			All Weights Are Approximate for 10in Stroke Actuator Shown			



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TITLE: 4000 Series Linear Actuator

SIZE B DWG. NO. 4000L REV C

SCALE: 1:4 WEIGHT: SHEET 1 OF 1