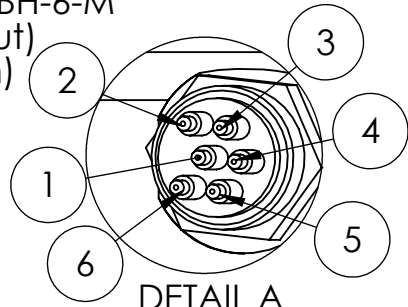


Pinouts for MCBH-6-M  
1: TX (RS-232 out)  
2: RX (RS-232 in)  
3: RS-485 (-)  
4: +VIN  
5: -VIN  
6: RS-485 (+)



# 3500 Linear

## General Specifications:

- Output Force Over 500 lbs
- Linear Speeds up to 2" per second
- Stroke Length 2" to 14"
- Brushless DC Motor
- Oil-Filled - Self-Contained - Compensated

## Operating Conditions:

- Voltage 12 <-> 32 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
- RS-232 & RS-485 Interface
- Optional 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

Shaft Style	Shaft Diameter (in.)	Shaft Length (in.)	Material	Dry Weight (lbs)	Wet Weight (lbs)	Connectors
Rod End *	R 5/8 *	D 2.00	Titanium	9	6	MCBH 4 Pin Male
Clevis Pin	C 3/4	E 4.00 *	316 Stainless Steel *	13	10	MCBH 6 Pin Male *
		6.00	6061-Aluminum-Natural	7	4	MCBH 8 Pin Male
		8.00	6061-Aluminum-Black	7	4	MCBH 4 Pin Female
		10.00	6061-Aluminum-Blue	7	4	MCBH 6 Pin Female
		12.00	6061-Aluminum-Green	7	4	MCBH 8 Pin Female
		14.00	6061-Aluminum-Red	7	4	
* Model shown: 3500L-RD4000-SS-6M						
All Weights Are Approximate for 4in Stroke Actuator Shown						

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TITLE:  
**3500 Series Linear Actuator**

DRAWN	GMPH	4/3/2017	<p>SIZE <b>B</b> DWG. NO. <b>3500L</b> REV <b>F</b></p> <p>SCALE: 1:3 WEIGHT: SHEET 1 OF 1</p>
CHECKED	GMPH	4/3/2017	
<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF 2G ENGINEERING. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF 2G ENGINEERING IS PROHIBITED.</p>			