

3500 Linear

General Specifications:

- Output Force Over 500 lbs
- Linear Speeds up to 2" per second
- Stroke Length 4" 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	2000	Titanium	TI	9	6	MCBH 4 Pin Male	4M
Clevis Pin	C	3/4	E	4.00 *	4000	316 Stainless Steel *	SS	13	10	MCBH 6 Pin Male *	6M
				6.00	6000	6061-Aluminum-Natural	ALN	7	4	MCBH 8 Pin Male	8M
				8.00	8000	6061-Aluminum-Black	ALK	7	4	MCBH 4 Pin Female	4F
				10.00	10000	6061-Aluminum-Blue	ALB	7	4	MCBH 6 Pin Female	6F
				12.00	12000	6061-Aluminum-Green	ALG	7	4	MCBH 8 Pin Female	8F
				14.00	14000	6061-Aluminum-Red	ALR	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

SIZE

B

DWG. NO.

3500L

REV

E

SCALE: 1:3

WEIGHT:

SHEET 1 OF 1