

## B-Track K2

### Rugged Duty Actuator DC Motor Acme Screw



Shown with optional adjustable limit switch feature



**Up to 1,500 lbs. (6672 N) Rated Load**  
**Up to 2.7 in. (68.58 mm)/sec. Travel Speed**

The K2 is the base model in the B-Track family. It incorporates a patented in-line load transfer design which provides high load capability for rugged-duty use, efficient power use, compact package size, excellent corrosion and washdown protection, and high performance synthetic lubrication for life, all at an affordable price.

The K2 uses a solid bronze or Delrin® nut with a rolled hybrid Acme style screw yielding high impact capability and long screw life. Heavy-duty double-ended ball bearing motors, hardened gears, O-ring seals and an extension rod bearing system that provides best in class capabilities.

**Now Available Optional Adjustable Limit Switch** These easy to use adjustable switches are mounted in a channel on the cover tube with custom cap for protection. They are easily moved to enable the end-user the flexibility of setting the stroke length at any position within the full stroke capability. Just pop the cap off, loosen the set screw and slide the switch into the desired position.

#### Features

- **Protective coatings** and O-ring seals throughout
- **Patented in-line load system**
- **Hybrid Acme style nut and screw** design, no brake needed
- **Ball detent overload clutch**
- **Stroke lengths** 2 to 24 inches (50 to 600mm)
- **Load capacities** up to 1500 pounds (6672 N)
- **Speeds up to** 2.7 inches (68.58 millimeters)/sec. travel
- **Thermal overload** incorporated into the motor
- **Heavy wall construction**
- **Double ball bearing motors**
- **Heat treated gears**
- **Rugged extension** rod bearing support
- **Optional 90 vdc motor** for use with SBC-AC control (IP54)
- **Custom mounting** options available

#### Typical Applications

- Heavy duty platform and engine lifts
- Deck and implement lifts for tractors and mobile applications
- Table positioning
- Wheelchair and scooter lifts
- Bin and tank cover lifts
- Flow gate open/close



Scan to watch!

**How to Adjust the Limit Switches for a K2 or K2X Actuator with External or EP Limit Switches**  
<https://p.widencdn.net/imzc9v>

#### Load/Current/Speed/Duty Cycle

- Maximum Static Rating: 3,000 lbs. (13345 N) Static (in-line load)
  - Refer to performance chart for load/current/speed capabilities
  - Stroke Length Tolerance: +/- .06" (1.52 mm)
  - Motor is protected with auto reset breaker inside motor housing (temperature/current/time dependent)
  - Overload clutch setting: +25% over rated dynamic load
  - Duty cycle is time/temperature/load dependent, suggested guidelines are:
    - 50% max on-time/50% off-time for loads up to 50% of capability
    - 25% max on-time/75% off-time for loads between 50%-80% of capability
    - 10% max on-time/90% off-time for loads between 80%-100% of capability
- (Load/stroke profiles will allow some adjustment variation from these guidelines.)

#### Operating Environment

- Ambient temp range:
  - 20° F to +150° F (-29° C to +65° C),
  - 40° F to +176° F (-40° C to +80° C) Upon Request.
- Weather resistant enclosure & seals (IP69K Static, IP65 capable, 250 hour salt spray, 500 hour for paint)
- Normal operating voltage: 10-16 vdc (Ratings are at 12 vdc Normal.)
- 14 gauge stranded lead wires-UL style 1230 w/PVC insulation Class F 105°C

#### Control/Connections

- Lead wires abrasion protected with spiral covering
- Use momentary contact double pole/double throw switch in powering unit for extend/retract operation. (ON)-OFF-(ON) DPDT
- Connectors:
  - Packard 56 series or Delphi Weather-Pack
  - Packard 56 series with 56 series blades (#2984883 & #2962987)
  - Delphi Weather-Pack series (#121015792 & #12010973) Upon Request

# B-Track K2



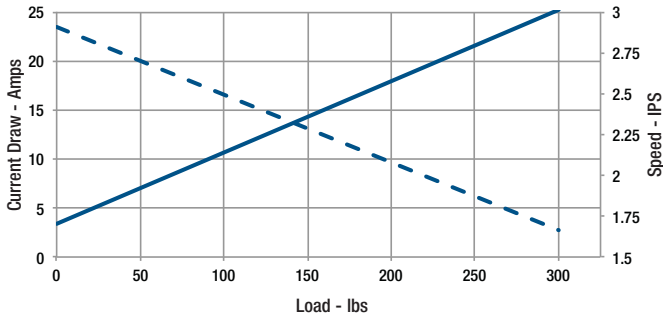
## Performance Graphs Imperial Measurements\*

\*Performance Chart Measurements are Nominal

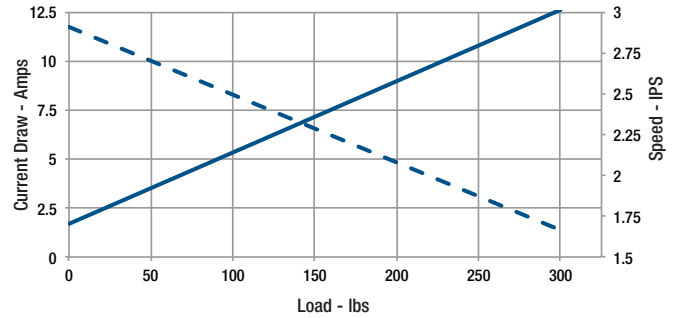
### Load Capacity 300 lbs.

For Metric Measurements, see page 30.

#### K2G05-12VDC



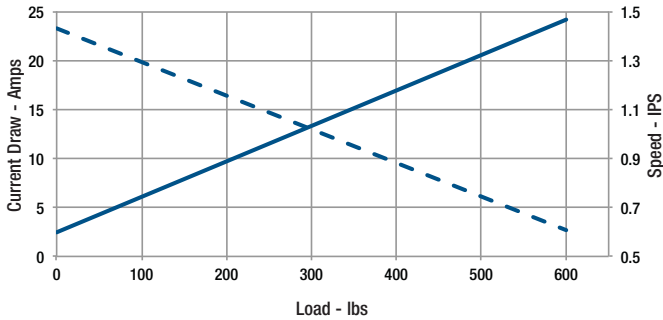
#### K2G05-24VDC



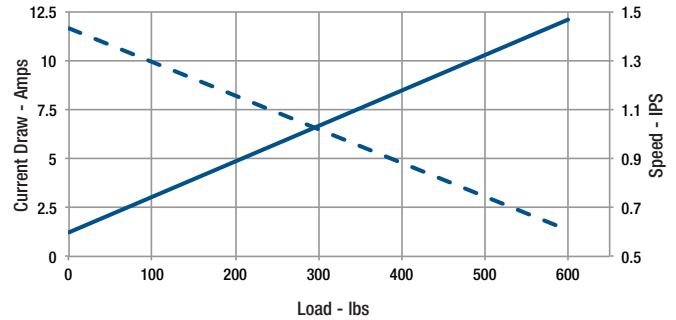
### Load Capacity 600 lbs.

For Metric Measurements, see page 30.

#### K2G10-12VDC



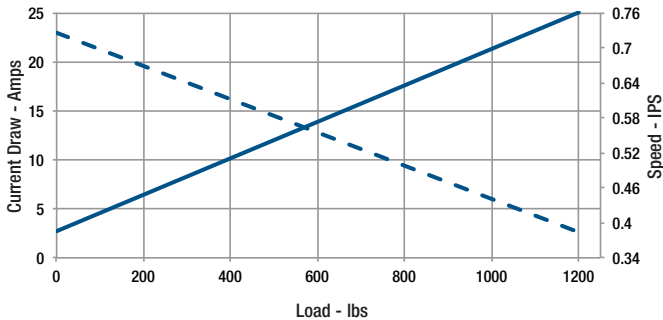
#### K2G10-24VDC



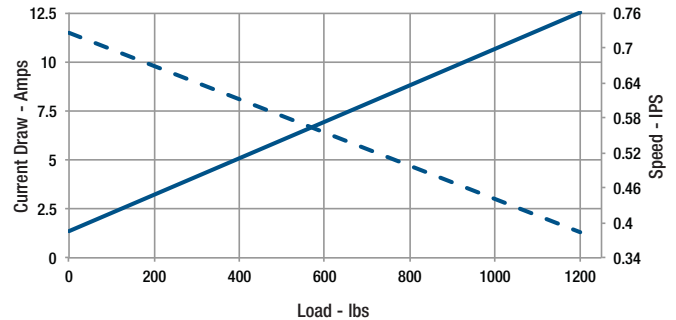
### Load Capacity 1200 lbs.

For Metric Measurements, see page 30.

#### K2G20-12VDC



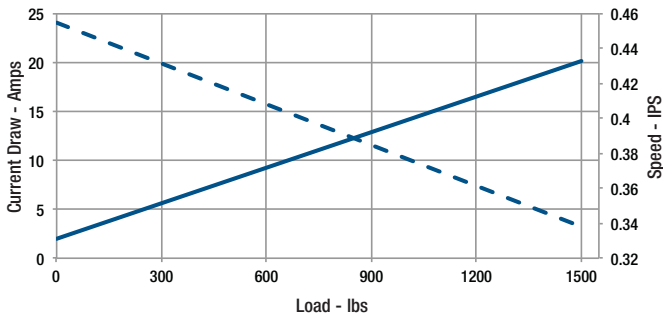
#### K2G20-24VDC



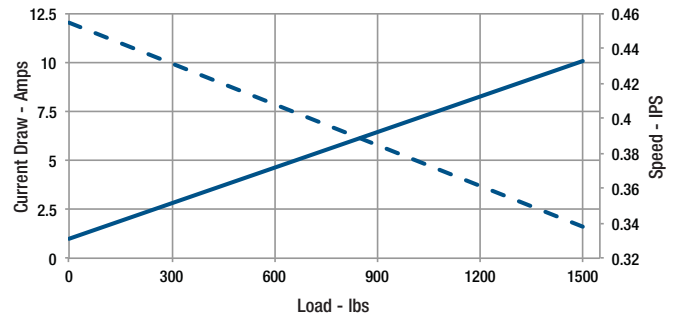
### Load Capacity 1500 lbs.

For Metric Measurements, see page 30.

#### K2G30-12VDC



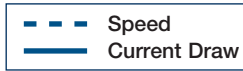
#### K2G30-24VDC



# B-Track K2

## Performance Graphs Metric Measurements\*

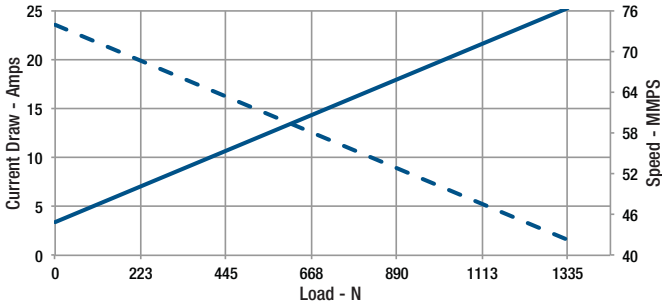
\*Performance Chart Measurements are Nominal



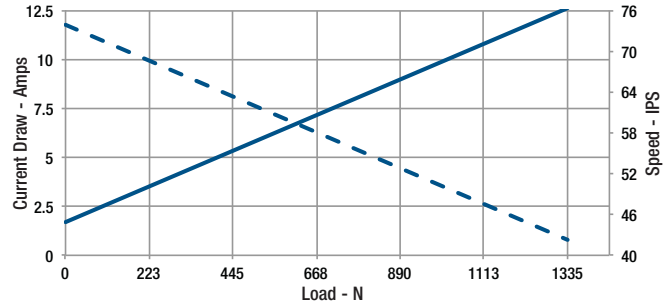
### Load Capacity 1335 N

For Imperial Measurements, see page 29.

#### K2G05-12VDC



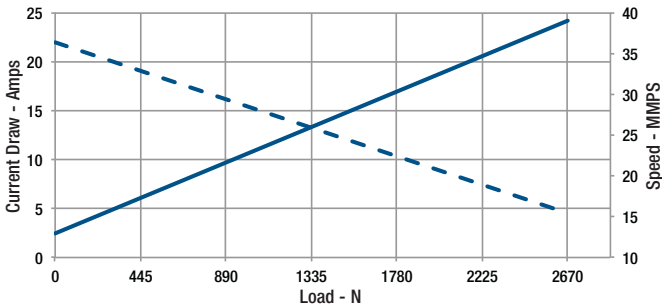
#### K2G05-24VDC



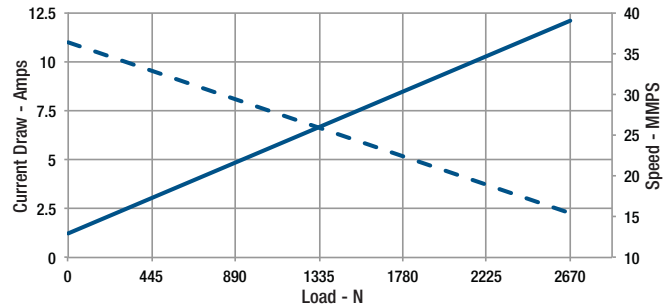
### Load Capacity 2670 N

For Imperial Measurements, see page 29.

#### K2G10-12VDC



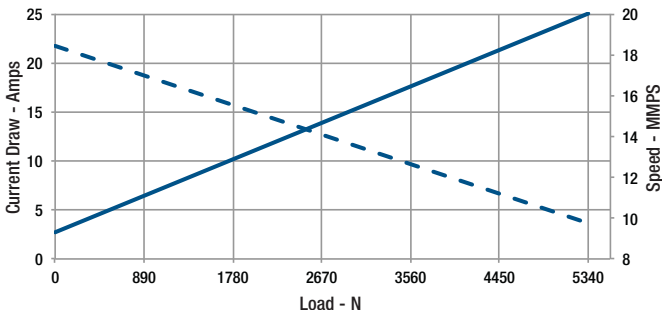
#### K2G10-24VDC



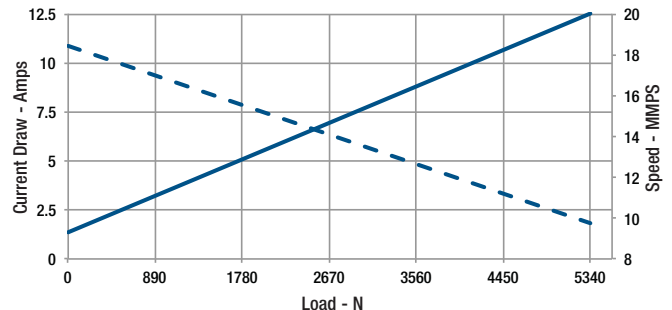
### Load Capacity 5340 N

For Imperial Measurements, see page 29.

#### K2G20-12VDC



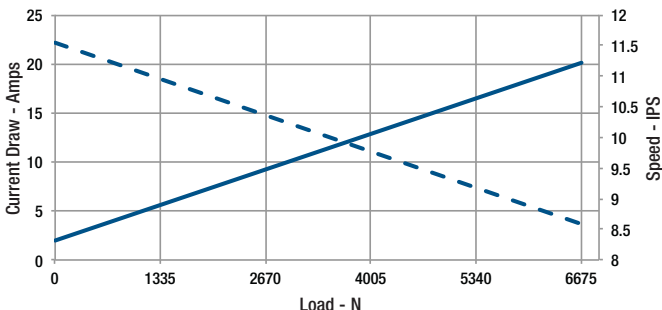
#### K2G20-24VDC



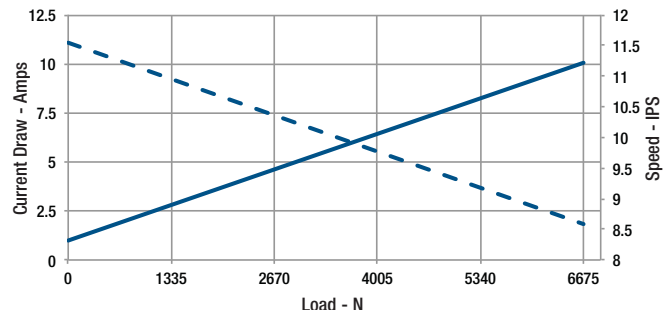
### Load Capacity 6675 N

For Imperial Measurements, see page 29.

#### K2G30-12VDC



#### K2G30-24VDC



# B-Track K2

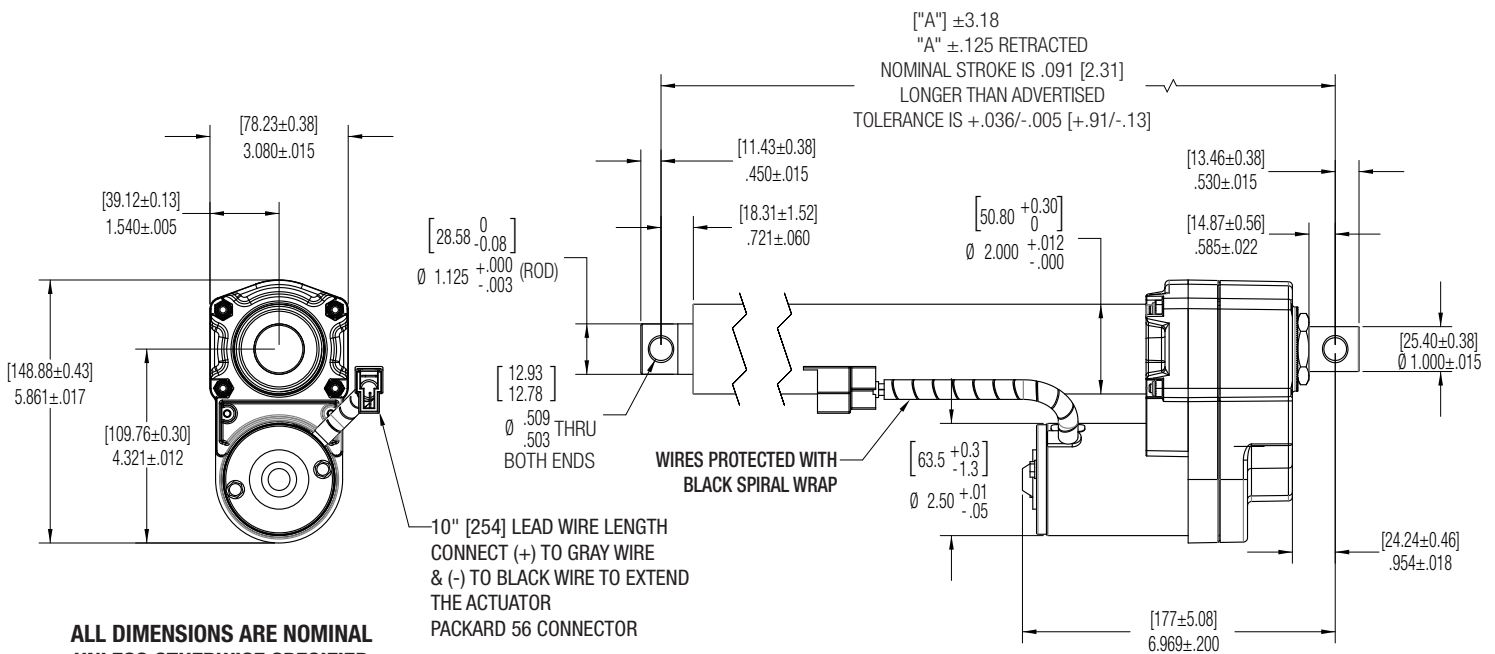
## Dimensions

B-Track K2	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		2	51	4	102	6	152	8	203	10	254	12	305
	A	8.32	211.3	10.32	262.1	12.32	312.9	14.32	363.7	16.32	414.5	18.32	465.3

Note: Special lengths available

B-Track K2	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		14	356	16	406	18	457	20	508	22	559	24	610
	A	20.32	516.1	22.32	566.9	24.32	617.7	29.32	744.7	31.32	795.5	33.32	846.3

Note: Special lengths available



**ALL DIMENSIONS ARE NOMINAL  
 UNLESS OTHERWISE SPECIFIED**

Measurements in inches, metric in brackets.

## B-Track K2AC

### Rugged Duty Actuator AC Motor Acme Screw



**Up to 1,100 lbs. (4893 N) Rated Load**  
**Up to 1 in. (25.4mm)/sec. Travel Speed**

The K2 is the base model in the B-Track family. It incorporates a patented in-line load transfer design which provides high load capability for rugged-duty use, efficient power use, compact package size, excellent corrosion and washdown protection, and high performance synthetic lubrication for life, all at an affordable price.

The K2 uses a solid bronze or Delrin® nut with a rolled hybrid screw yielding high impact capability and long screw life. Heavy-duty double-ended ball bearing motors, hardened gears, O-ring seals and an extension rod bearing system that provides best in class capabilities.

**Now Available Optional Adjustable Limit Switch** These easy to use adjustable switches are mounted in a channel on the cover tube with custom cap for protection. They are easily moved to enable the end-user the flexibility of setting the stroke length at any position within the full stroke capability.

#### Features

- **Protective coatings** and O-ring seals throughout
- **Patented in-line load system**
- **Hybrid nut and screw** design, no brake needed
- **Ball detent overload clutch**
- **Stroke lengths** 4 to 24 inches (100 to 600 millimeters)
- **Load capacities** up to 1100 pounds (4893 N)
- **Speeds up to** 1 inches (25.4 millimeters)/sec. travel
- **Thermal overload** incorporated into the motor
- **Heavy wall construction**
- **Double ball bearing motors**
- **Heat treated gears**
- **Rugged extension rod** bearing support
- **Custom mounting** options available
- **Limit switches** offered only in the adjustable version (EP1.x)

#### Typical Applications

- Ergonomic lift tables
- Roof vents
- Conveyor diverters
- Bin/tank cover lifts



Scan to watch!

**How to Adjust the Limit Switches for a K2 or K2X Actuator with External or EP Limit Switches**  
<https://p.widencdn.net/imzc9v>

#### Load/Current/Speed/Duty Cycle

- Maximum Static Rating: 3,000 lbs. (13345 N) Static (in-line load)
- Refer to performance chart for load/current/speed capabilities
- Stroke Length Tolerance: +/- .06" (1.52 mm)
- Motor is protected with auto reset breaker inside motor housing (temperature/current/time dependent)
- Overload clutch setting: +25% over rated dynamic load
- Duty cycle is time/temperature/load dependent, suggested guidelines are:
  - 50% max on-time/50% off-time for loads up to 50% of capability
  - 25% max on-time/75% off-time for loads between 50%-80% of capability
  - 10% max on-time/90% off-time for loads between 80%-100% of capability

(Load/stroke profiles will allow some adjustment variation from these guidelines.)

#### Operating Environment

- Ambient temp range:
  - 20° F to +150° F (-29° C to +65° C),
  - 40° F to +176° F (-40° C to +80° C) Upon Request.
- Weather resistant enclosure & seals (IP 54 capable, 250 hour salt spray, 500 hour for paint)
- Normal operating voltage: 115 VAC or 230 VAC

#### Control/Connections

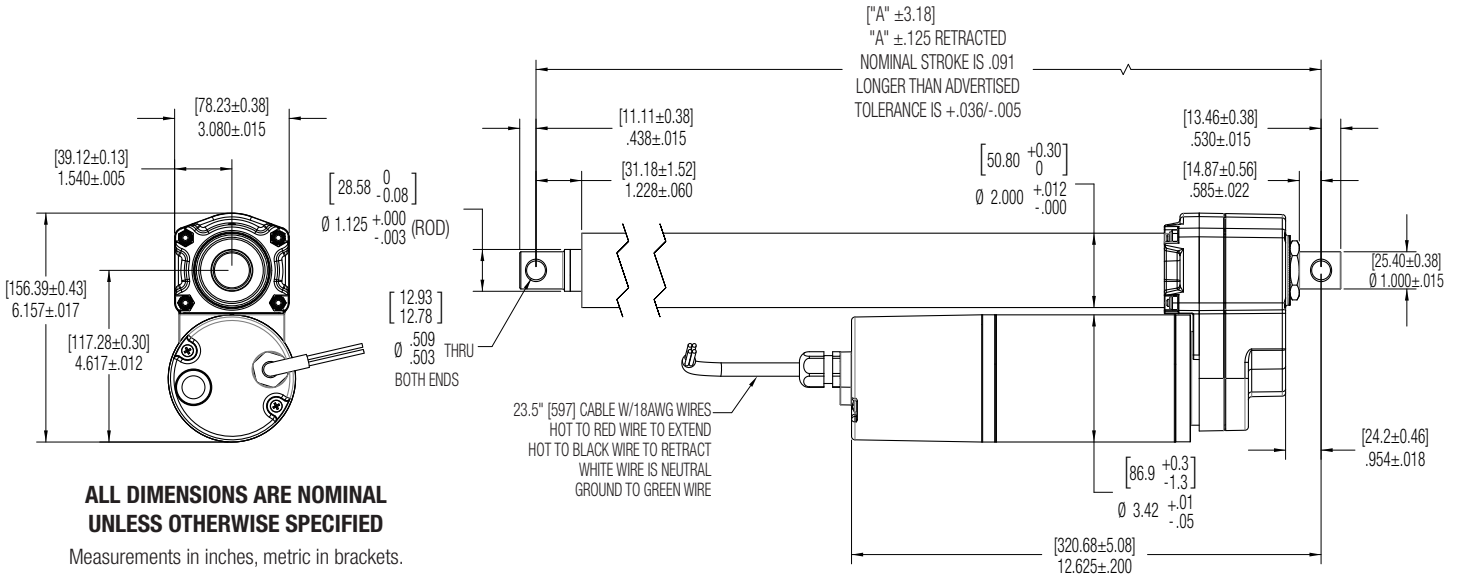
- 14 gauge stranded lead wires-UL style 1230 w/PVC insulation Class F 105° C
- Use momentary contact switch in powering unit for extend/retract operation. (ON)-OFF-(ON) SPDT

# B-Track K2Ac

## Dimensions

B-Track K2Ac	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		4	100	6	150	8	200	12	300	18	450	24	600
	A	14.96	380.0	16.97	431.0	18.94	481.1	22.95	582.9	28.94	735.1	34.92	887.0

Note: Special lengths available

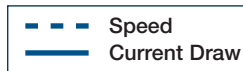




# B-Track K2AC

## Performance Graphs Imperial Measurements\*

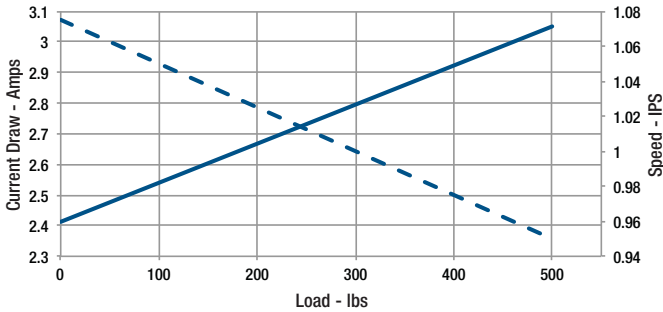
\*Performance Chart Measurements are Nominal



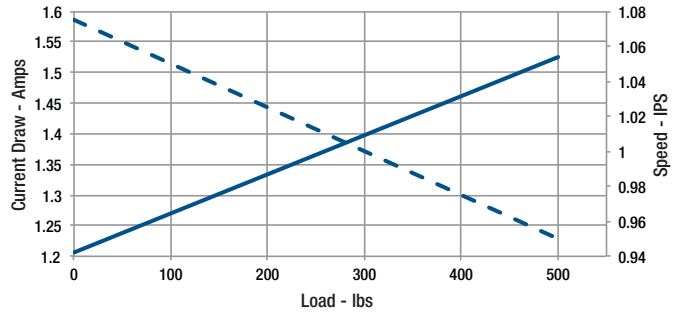
### Load Capacity 500 lbs.

For Metric Measurements, see page 35.

K2G10-115VAC



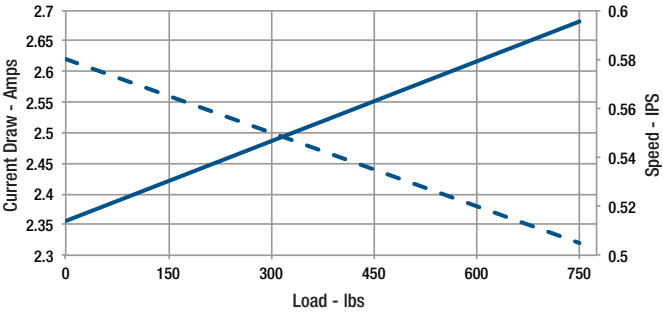
K2G10-230VAC



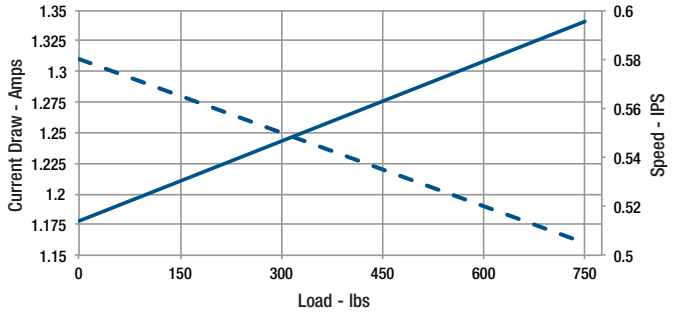
### Load Capacity 750 lbs.

For Metric Measurements, see page 35.

K2G20-115VAC



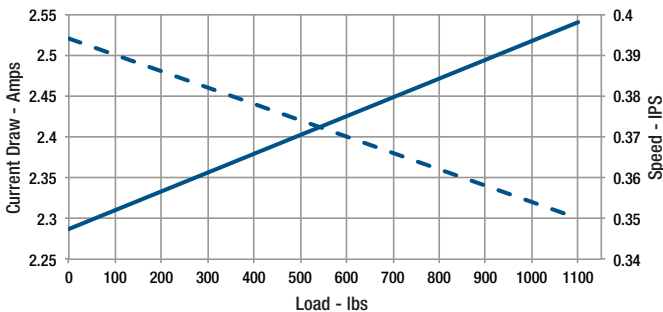
K2G20-230VAC



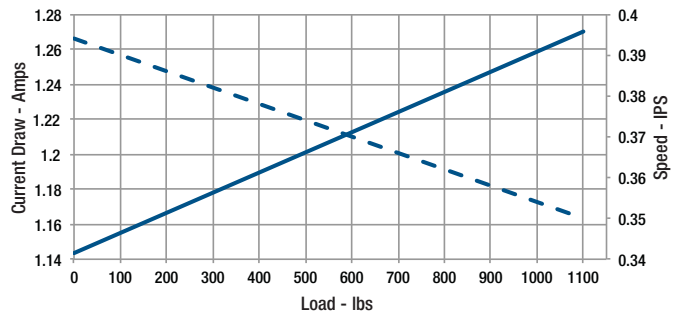
### Load Capacity 1100 lbs.

For Metric Measurements, see page 35.

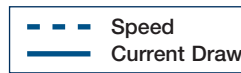
K2G30-115VAC



K2G30-230VAC



# B-Track K2Ac



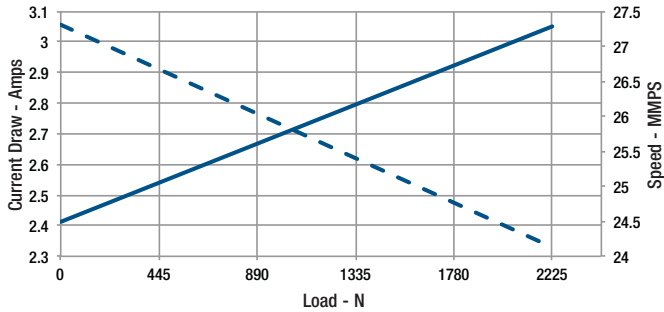
## Performance Graphs Metric Measurements\*

\*Performance Chart Measurements are Nominal

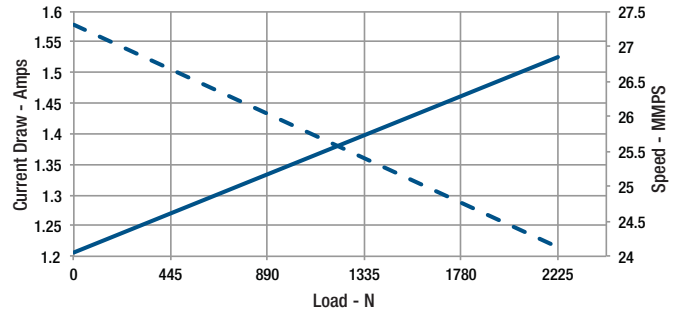
### Load Capacity 2225 N

For Imperial Measurements, see page 34.

K2G10-115VAc



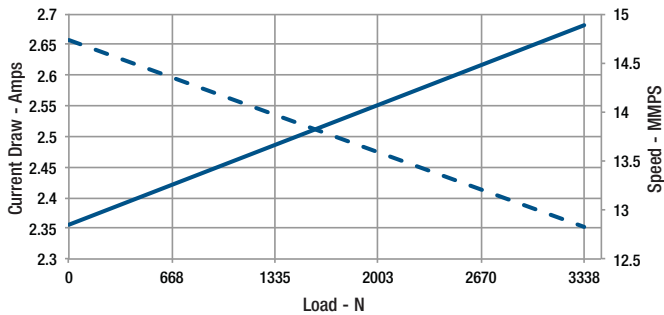
K2G10-230VAc



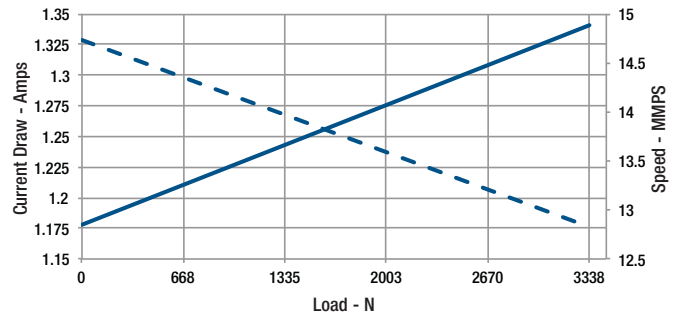
### Load Capacity 3338 N

For Imperial Measurements, see page 34.

K2G20-115VAc



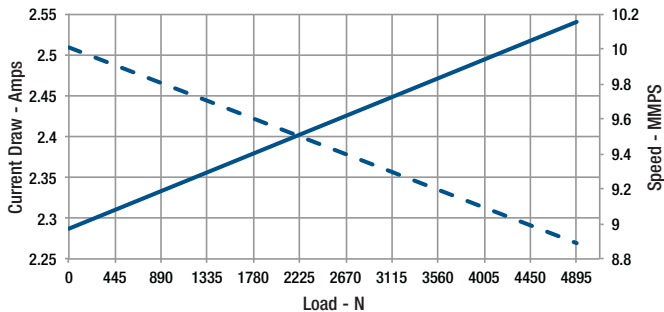
K2G20-230VAc



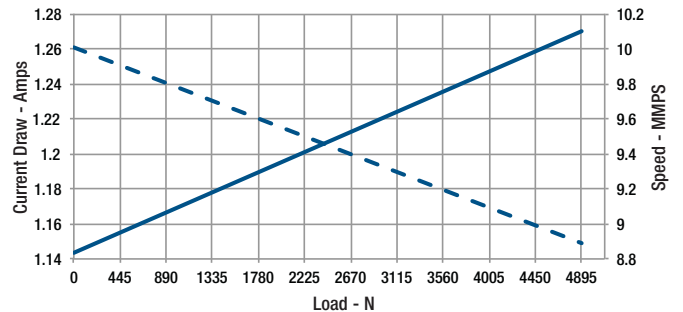
### Load Capacity 4895 N

For Imperial Measurements, see page 34.

K2G30-115VAc



K2G30-230VAc





## B-Track K2x

### Rugged Duty Actuator DC Motor Ball Screw

Up to 2,800 lbs. (12455 N) Rated Load  
Up to 2.1 in. (53.34mm)/sec. Travel Speed



The K2x model provides the highest load rating in its class. This model incorporates all of the base K2 features with a ball nut screw for a 2,800 lb. (12455 N) load capability within a compact package size. The K2x includes a bi-directional wrap spring brake for load holding capability. These units are well suited for the most demanding applications where an alternative to hydraulic or air cylinders is needed or where hydraulic power sources are not available.

Combining the K2x actuator with BTc control functionality results in precision actuator control at a fraction of the cost of more complicated servo actuator systems. See Controls Section for more information on BTc controls.

**Now Available Optional Adjustable Limit Switch** These easy to use adjustable switches are mounted in a channel on the cover tube with custom cap for protection. They are easily moved to enable the end-user the flexibility of setting the stroke length at any position within the full stroke capability.

#### Features

- **Protective coatings** and O-ring seals throughout
- **Efficient in-line** ball screw system
- **Integral load** holding brake
- **Ball detent overload clutch**
- **Stroke lengths** 2 to 24 inches (50 to 600 millimeters)
- **Load capacities** up to 2,800 pounds (12455 N)
- **Speeds up to** 2.1 inches (53.34 mm)/sec. travel
- **Thermal overload** incorporated into the motor
- **Heavy wall construction**
- **Double ball bearing motors**
- **Heat treated gears**
- **Rugged extension rod** bearing support
- **Optional 90 vdc motor** for use with SBC-AC control (IP 54)
- **Custom mounting** options available

#### Typical Applications

- Paving equipment
- Deck and implement lifts for tractors and mobile applications
- Spray booms
- Scissor and dump box lifts



Scan to watch!

**How to Adjust the Limit Switches for a K2 or K2X Actuator with External or EP Limit Switches**  
<https://p.widencdn.net/imzc9v>

#### Load/Current/Speed/Duty Cycle

- Maximum Static Rating: 3,000 lbs. (13345 N) Static (in-line load)
- Refer to performance chart for load/current/speed capabilities
- Stroke Length Tolerance: +/- .06" (1.52 mm)
- Motor is protected with auto reset breaker inside motor housing (temperature/current/time dependent)
- Overload clutch setting: +25% over rated dynamic load
- Duty cycle is time/temperature/load dependent, suggested guidelines are:
  - 50% max on-time/50% off-time for loads up to 50% of capability
  - 25% max on-time/75% off-time for loads between 50%-80% of capability
  - 10% max on-time/90% off-time for loads between 80%-100% of capability

(Load/stroke profiles will allow some adjustment variation from these guidelines.)

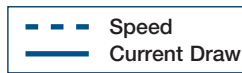
#### Operating Environment

- Ambient temp range:
  - 20° F to +150° F (-29° C to +65° C),
  - 40°F to +176°F (-40°C to +80°C) Upon Request.
- Weather resistant enclosure & seals (IP69K static, IP65 capable, 250 hour salt spray, 500 hour for paint)
- Normal operating voltage: 10-16 vdc (Ratings are at 12 vdc Normal.)

#### Control/Connections

- 14 gauge stranded lead wires-UL style 1230 w/PVC insulation Class F 105° C
- Lead wires abrasion protected with spiral covering
- Use momentary contact double pole/double throw switch in powering unit for extend/retract operation. (ON)-OFF-(ON) DPDT
- Connectors:
  - Packard 56 series or Delphi Weather-Pack
  - Packard 56 series with 56 series blades (#2984883 & #2962987)
  - Delphi Weather-Pack series (#121015792 & #12010973) Upon Request

# B-Track K2x



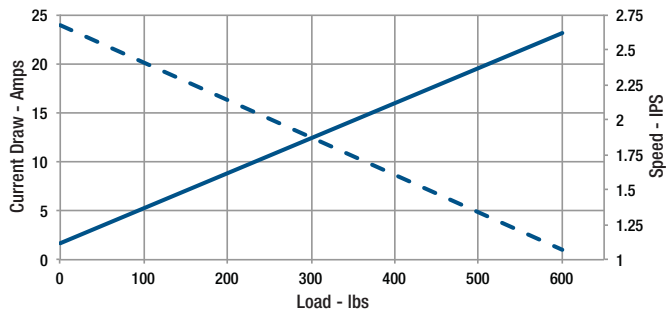
## Performance Graphs Imperial Measurements\*

\*Performance Chart Measurements are Nominal

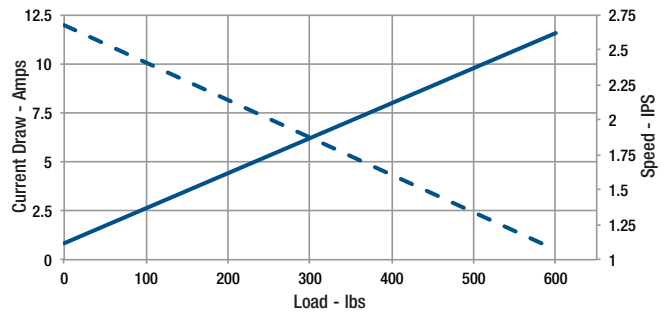
### Load Capacity 600 lbs.

For Metric Measurements, see page 38.

#### K2XG05-12VDC



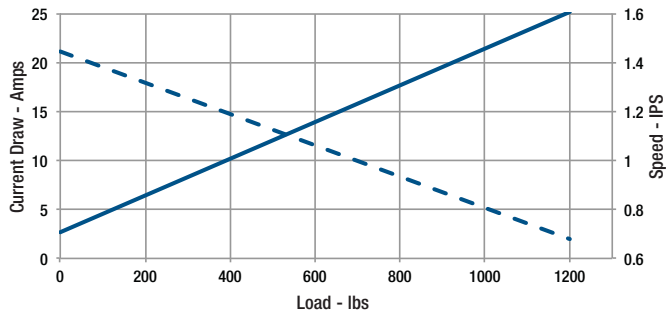
#### K2XG05-24VDC



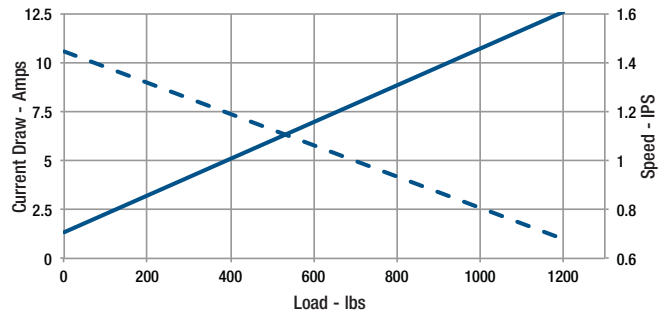
### Load Capacity 1200 lbs.

For Metric Measurements, see page 38.

#### K2XG10-12VDC



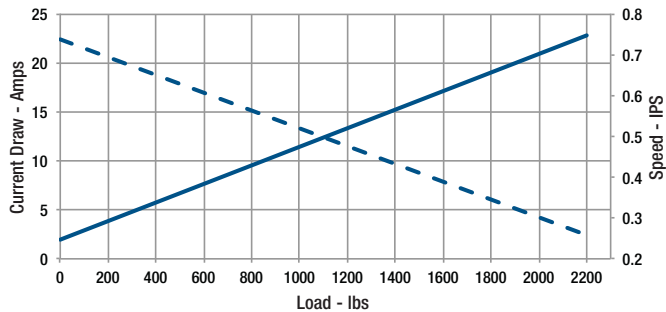
#### K2XG10-24VDC



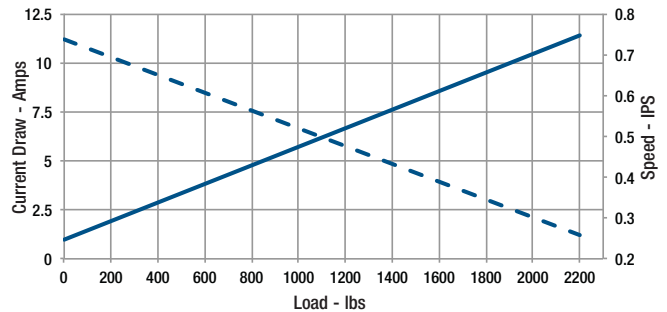
### Load Capacity 2200 lbs.

For Metric Measurements, see page 38.

#### K2XG20-12VDC



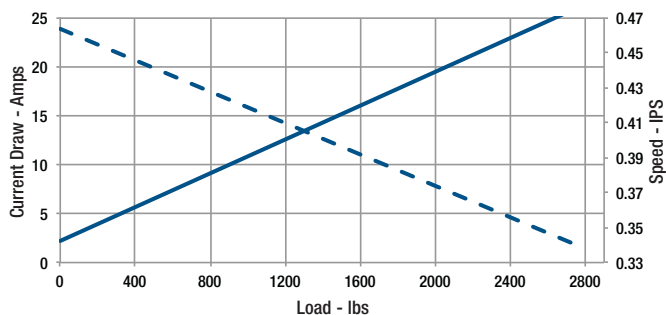
#### K2XG20-24VDC



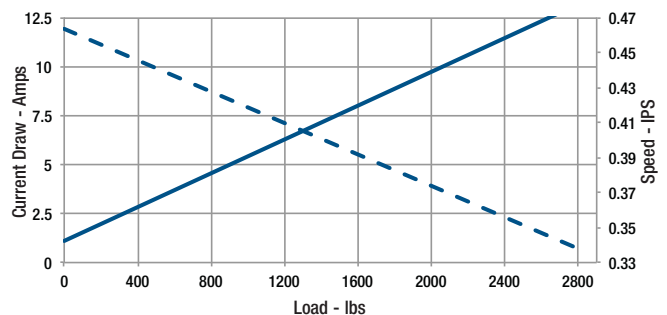
### Load Capacity 2800 lbs.

For Metric Measurements, see page 38.

#### K2XG30-12VDC



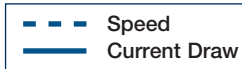
#### K2XG30-24VDC



# B-Track K2x

## Performance Graphs Metric Measurements\*

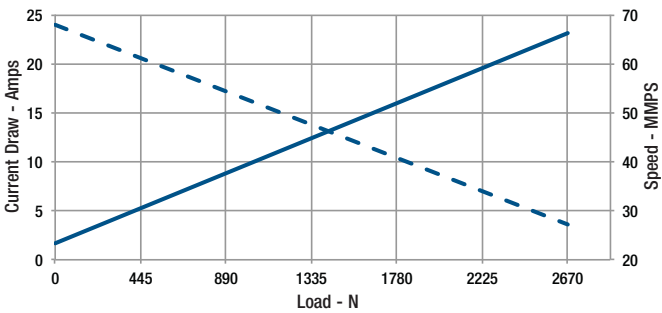
\*Performance Chart Measurements are Nominal



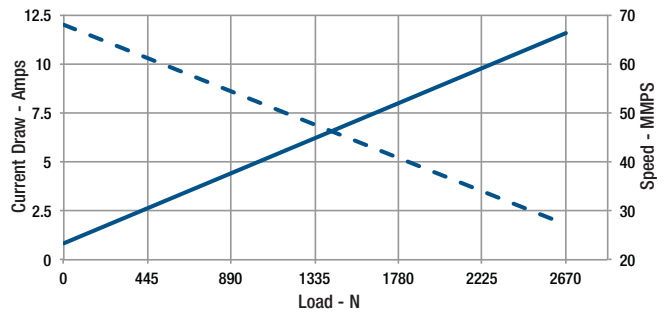
### Load Capacity 2670 N

For Imperial Measurements, see page 37.

#### K2XG05-12VDC



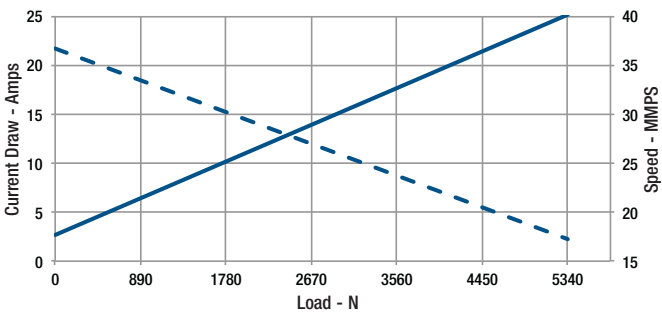
#### K2XG05-24VDC



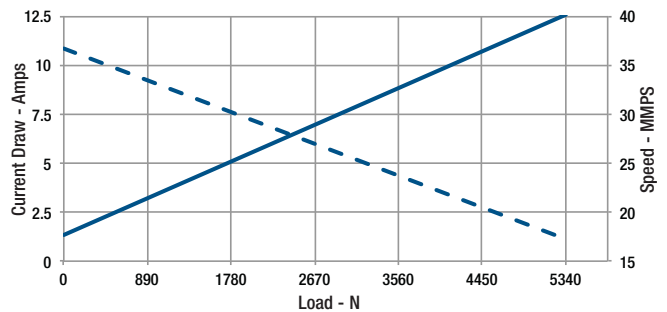
### Load Capacity 5340 N

For Imperial Measurements, see page 37.

#### K2XG10-12VDC



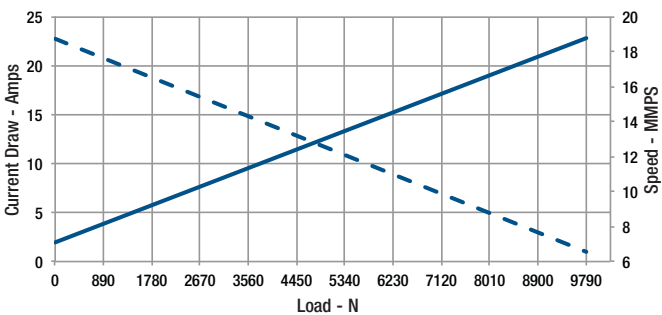
#### K2XG10-24VDC



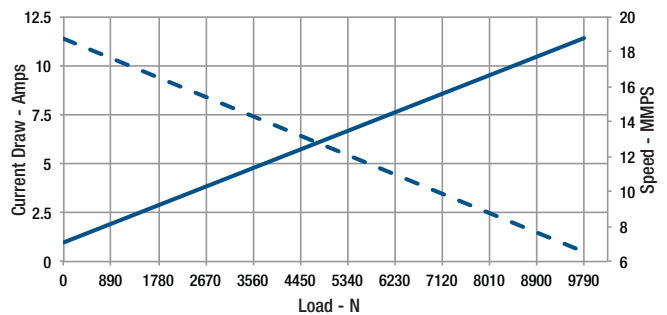
### Load Capacity 9790 N

For Imperial Measurements, see page 37.

#### K2XG20-12VDC



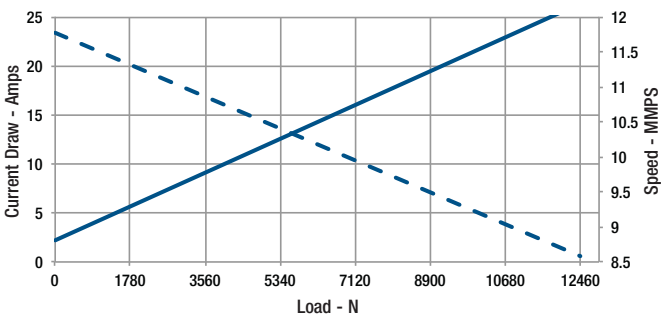
#### K2XG20-24VDC



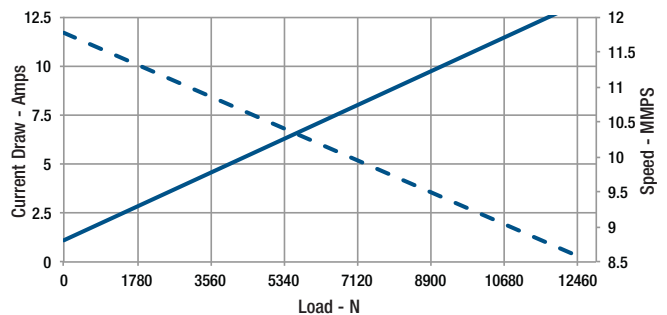
### Load Capacity 12,460 N

For Imperial Measurements, see page 37.

#### K2XG30-12VDC



#### K2XG30-24VDC



# B-Track K2x

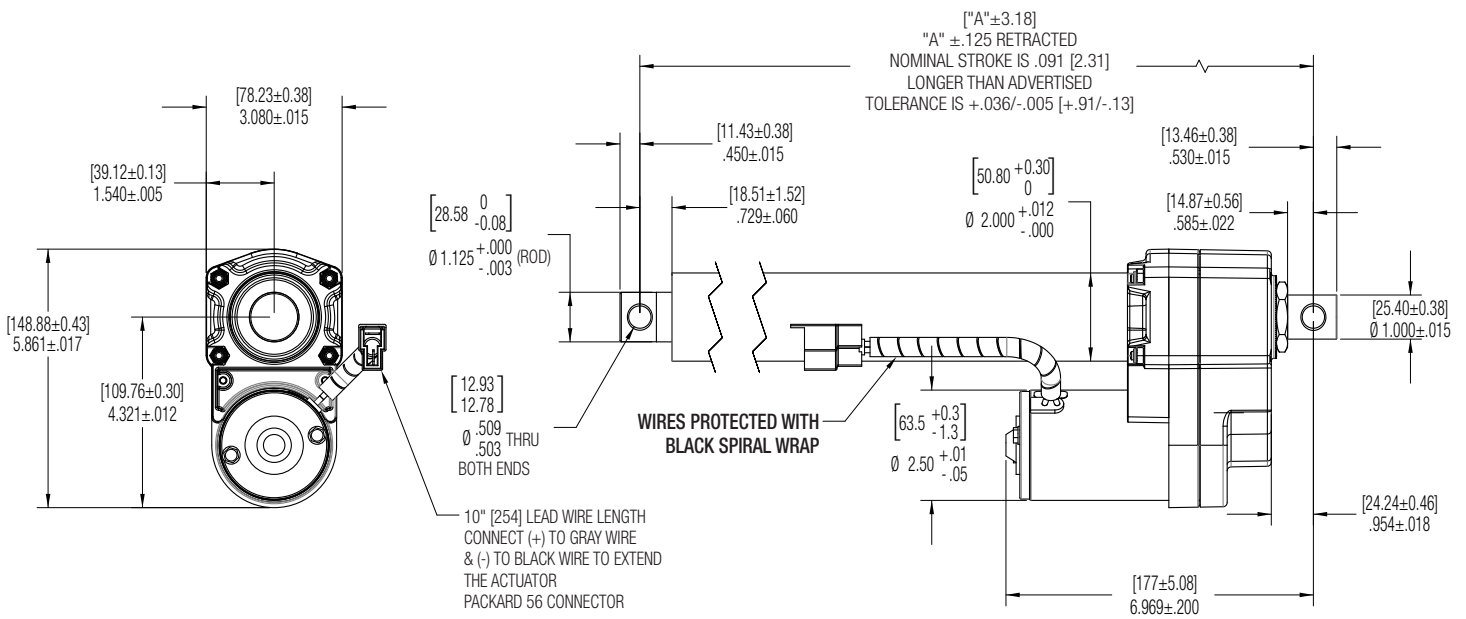
## Dimensions

B-Track K2x	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		A	2	51	4	102	6	152	8	203	10	254	12
		9.89	251.2	11.89	302.0	13.89	352.8	15.89	403.6	17.89	454.4	19.89	505.2

Note: Special lengths available

B-Track K2x	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		A	14	356	16	406	18	457	20	508	22	559	24
		21.89	556.0	23.89	606.8	25.89	657.6	30.89	784.6	32.89	835.4	34.89	886.2

Note: Special lengths available



**ALL DIMENSIONS ARE NOMINAL UNLESS OTHERWISE SPECIFIED**

Measurements in inches, metric in brackets.

## B-Track K2xAC

### Rugged Duty Actuator AC Motor Ball Screw



#### Up to 2,000 lbs. (8900 N) Rated Load Up to 2.1 in. (53.34 mm)/sec. Travel Speed

The K2x model provides the highest load rating in its class. This model incorporates all of the base K2 features with a ball nut screw for a 2,000 lb. (8900 N) load capability within a compact package size. The K2x includes a bi-directional wrap spring brake for load holding capability. These units are well suited for the most demanding applications where an alternative to hydraulic or air cylinders is needed or where hydraulic power sources are not available.

Combining the K2x actuator with BTc control functionality results in precision actuator control at a fraction of the cost of more complicated servo actuator systems. See Controls Section for more information on BTc controls.

**Now Available Optional Adjustable Limit Switch** These easy to use adjustable switches are mounted in a channel on the cover tube with custom cap for protection. They are easily moved to enable the end-user the flexibility of setting the stroke length at any position within the full stroke capability.

#### Features

- **Protective coatings** and O-ring seals throughout
- **Efficient in-line ball screw system**
- **Integral load holding brake**
- **Ball detent overload clutch**
- **Stroke lengths** 4 to 24 inches (100 to 600 millimeters)
- **Load capacities** up to 2,000 pounds (8900 N)
- **Speeds up to** 2.1 inches (53.34 millimeters)/sec. travel
- **Thermal overload** incorporated into the motor
- **Heavy wall construction**
- **Double ball bearing motors**
- **Heat treated gears**
- **Rugged extension rod** bearing support
- **Custom mounting** options available
- **Limit switches** offered only in the adjustable version (EP1.x)

#### Typical Applications

- Engine Lifts
- Tables
- Indoor Applications
- Machine Tools
- Egg Rotation



Scan to watch!

**How to Adjust the Limit Switches for a K2 or K2X Actuator with External or EP Limit Switches**  
<https://p.widencdn.net/imzc9v>

#### Load/Current/Speed/Duty Cycle

- Maximum Static Rating: 3,000 lbs. (13345 N) Static (in-line load)
- Refer to performance chart for load/current/speed capabilities
- Stroke Length Tolerance: +/- .06" (1.52 mm)
- Motor is protected with auto reset breaker inside motor housing (temperature/current/time dependent)
- Overload clutch setting: +25% over rated dynamic load
- Duty cycle is time/temperature/load dependent, suggested guidelines are:
  - 50% max on-time/50% off-time for loads up to 50% of capability
  - 25% max on-time/75% off-time for loads between 50%-80% of capability
  - 10% max on-time/90% off-time for loads between 80%-100% of capability

(Load/stroke profiles will allow some adjustment variation from these guidelines.)

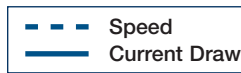
#### Operating Environment

- Ambient temp range:
  - 20° F to +150° F (-29° C to +65° C),
  - 40° F to +176° F (-40° C to +80° C) Upon Request.
- Weather resistant enclosure & seals (IP 54 capable, 250 hour salt spray, 500 hour for paint)
- Normal operating voltage: 110-240 VAC

#### Control/Connections

- 14 gauge stranded lead wires-UL style 1230 w/PVC insulation Class F 105° C
- Use momentary contact switch in powering unit for extend/retract operation. (ON)-OFF-(ON) SPDT

# B-Track K2xAc



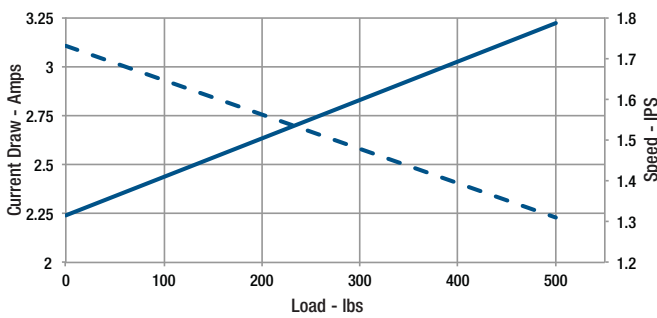
## Performance Graphs Imperial Measurements\*

\*Performance Chart Measurements are Nominal

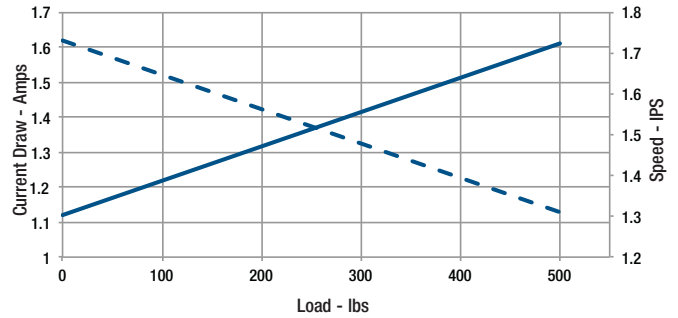
### Load Capacity 500 lbs.

For Metric Measurements, see page 42.

**K2xG05-115VAc**



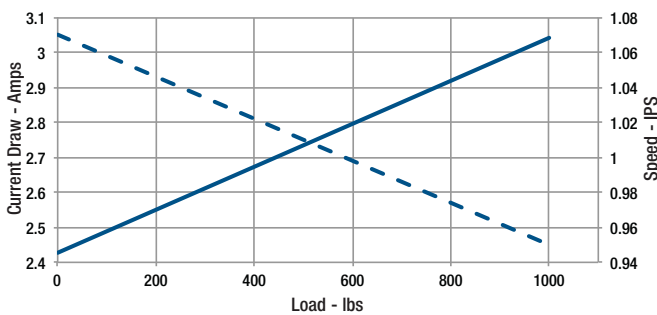
**K2xG05-230VAc**



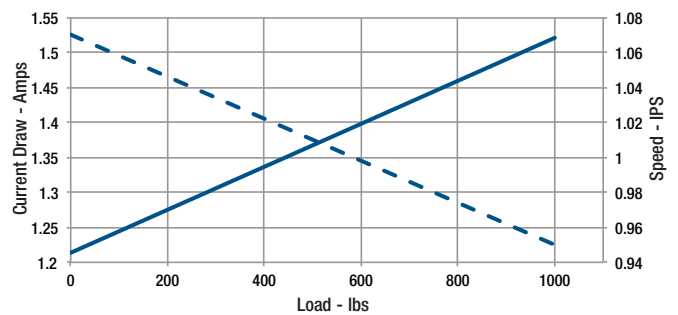
### Load Capacity 1000 lbs.

For Metric Measurements, see page 42.

**K2xG10-115VAc**



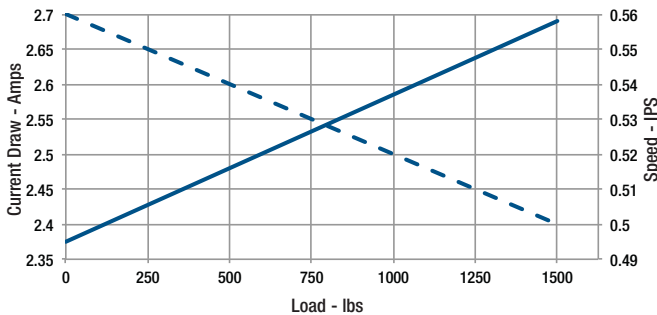
**K2xG10-230VAc**



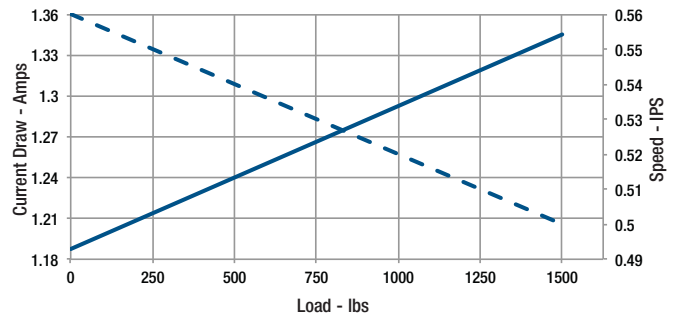
### Load Capacity 1500 lbs.

For Metric Measurements, see page 42.

**K2xG20-115VAc**



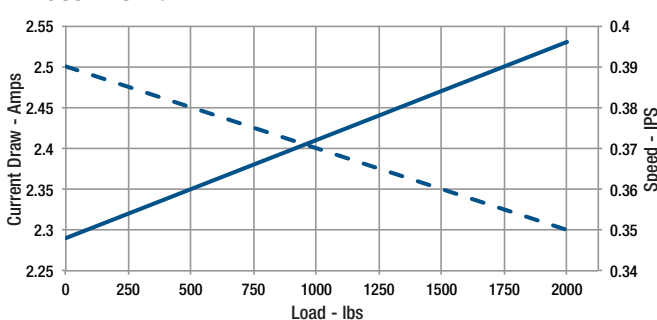
**K2xG20-230VAc**



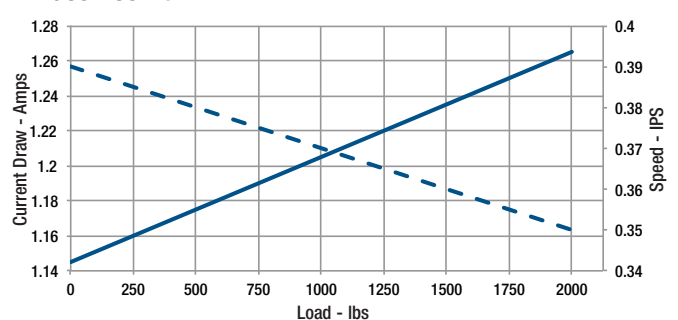
### Load Capacity 2000 lbs.

For Metric Measurements, see page 42.

**K2xG30-115VAc**



**K2xG30-230VAc**

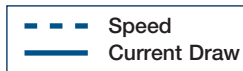




# B-Track K2xAc

## Performance Graphs Metric Measurements\*

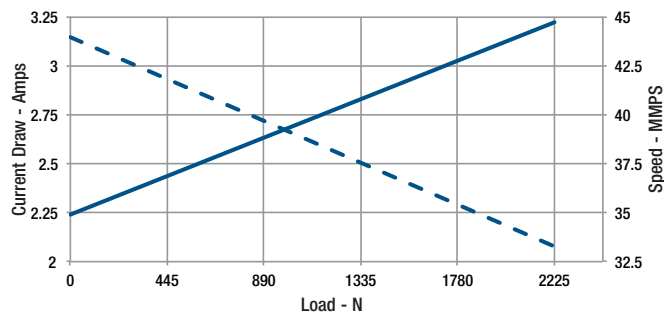
\*Performance Chart Measurements are Nominal



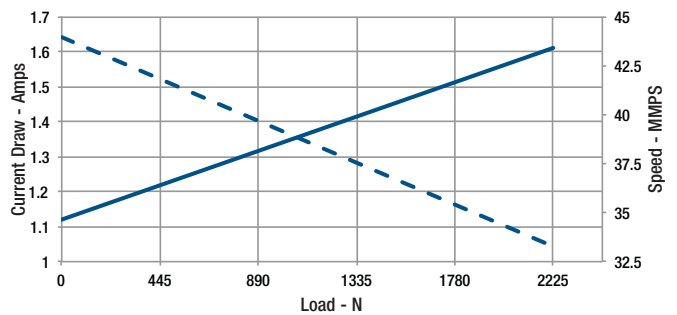
### Load Capacity 2225 N

For Imperial Measurements, see page 41.

K2xG05-115VAc



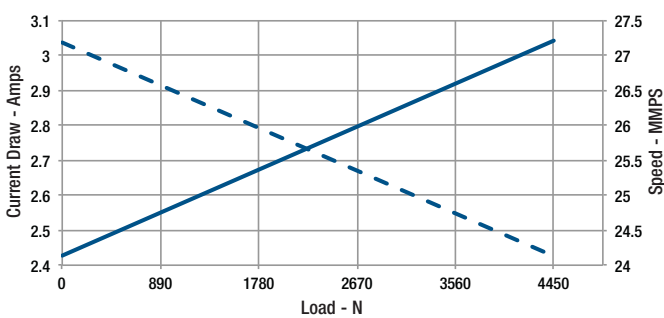
K2xG05-230VAc



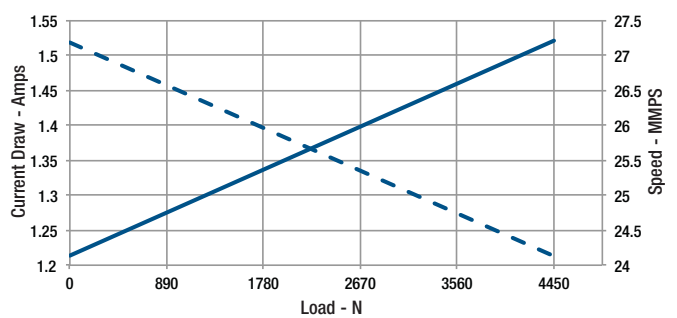
### Load Capacity 4450 N

For Imperial Measurements, see page 41.

K2xG10-115VAc



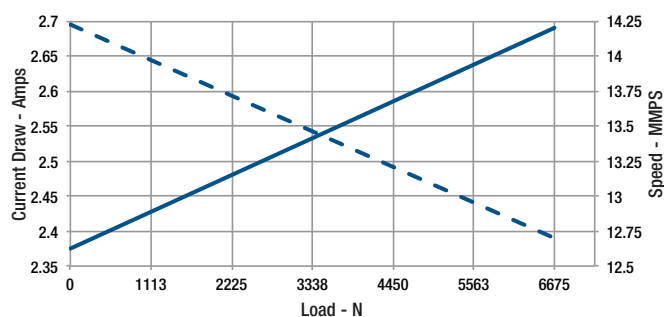
K2xG10-230VAc



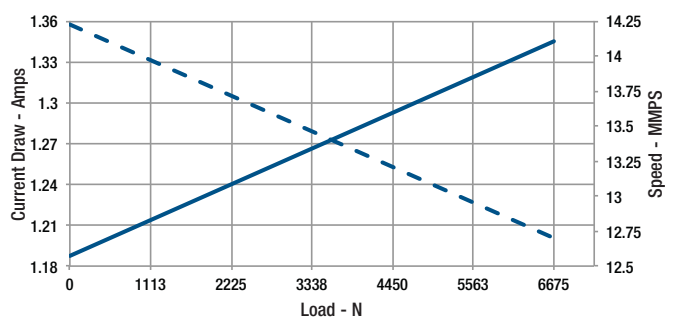
### Load Capacity 6675 N

For Imperial Measurements, see page 41.

K2xG20-115VAc



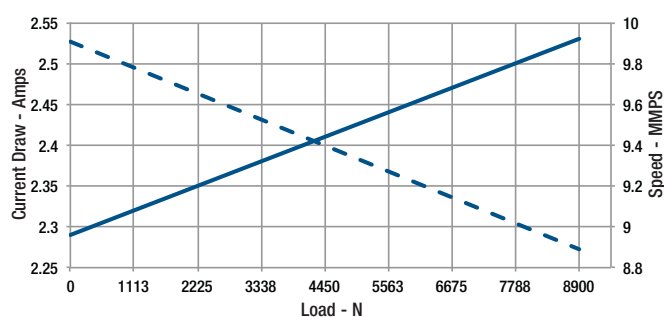
K2xG20-230VAc



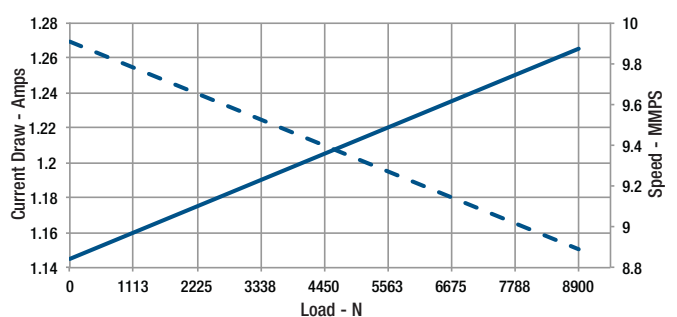
### Load Capacity 8900 N

For Imperial Measurements, see page 41.

K2xG30-115VAc



K2xG30-230VAc



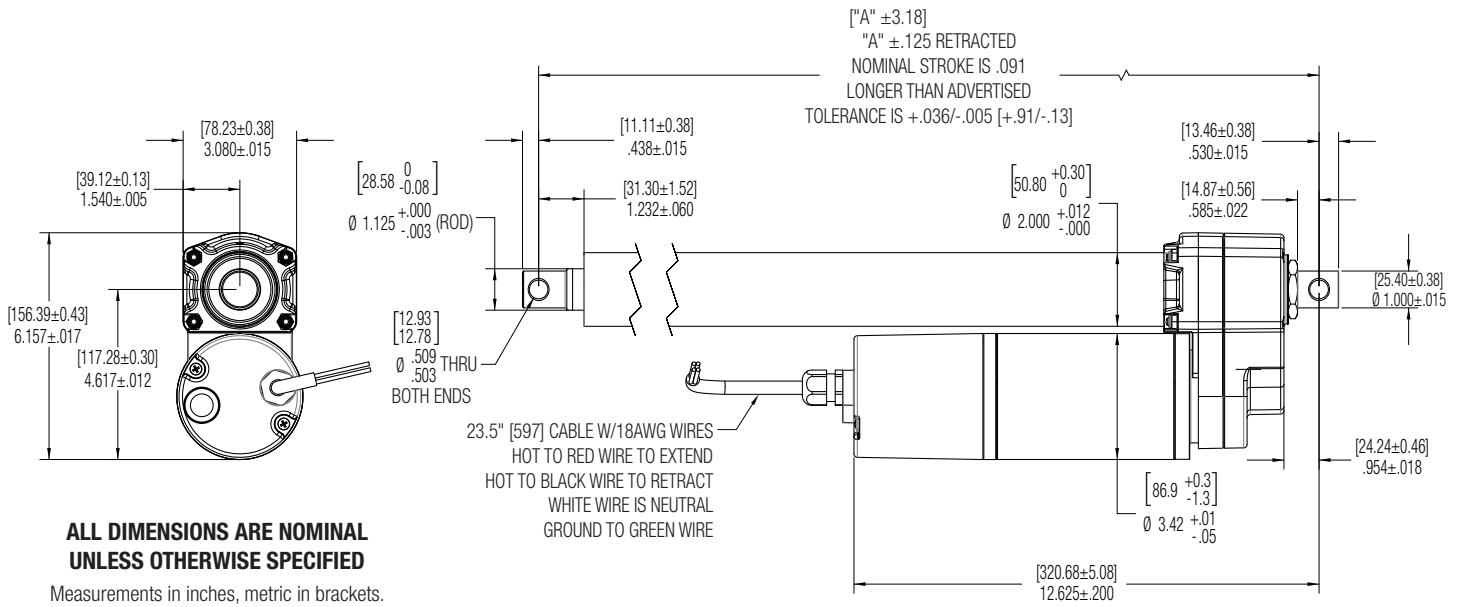


# B-Track K2xAC

## Dimensions

B-Track K2xAC	Stroke	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm
		4	100	6	150	8	200	12	300	18	450	24	600
	A	14.96	380.0	16.97	431.0	18.94	481.1	22.95	582.9	28.94	735.1	34.92	887.0

**Note:** Special lengths available



# Custom Actuators



Examples of special request features

Warner Linear offers a broad range of standard actuators to suit many needs. We realize though, that often special application parameters dictate special actuator configurations and modifications. Warner Linear actuators are designed with this in mind, as many of our products can be readily customized to suit specific requirements.

Our products are built on modules that can be mixed and matched in final assembly. Our final assembly operations are configured to provide flexible assembly to accommodate custom orders, quickly and cost effectively.

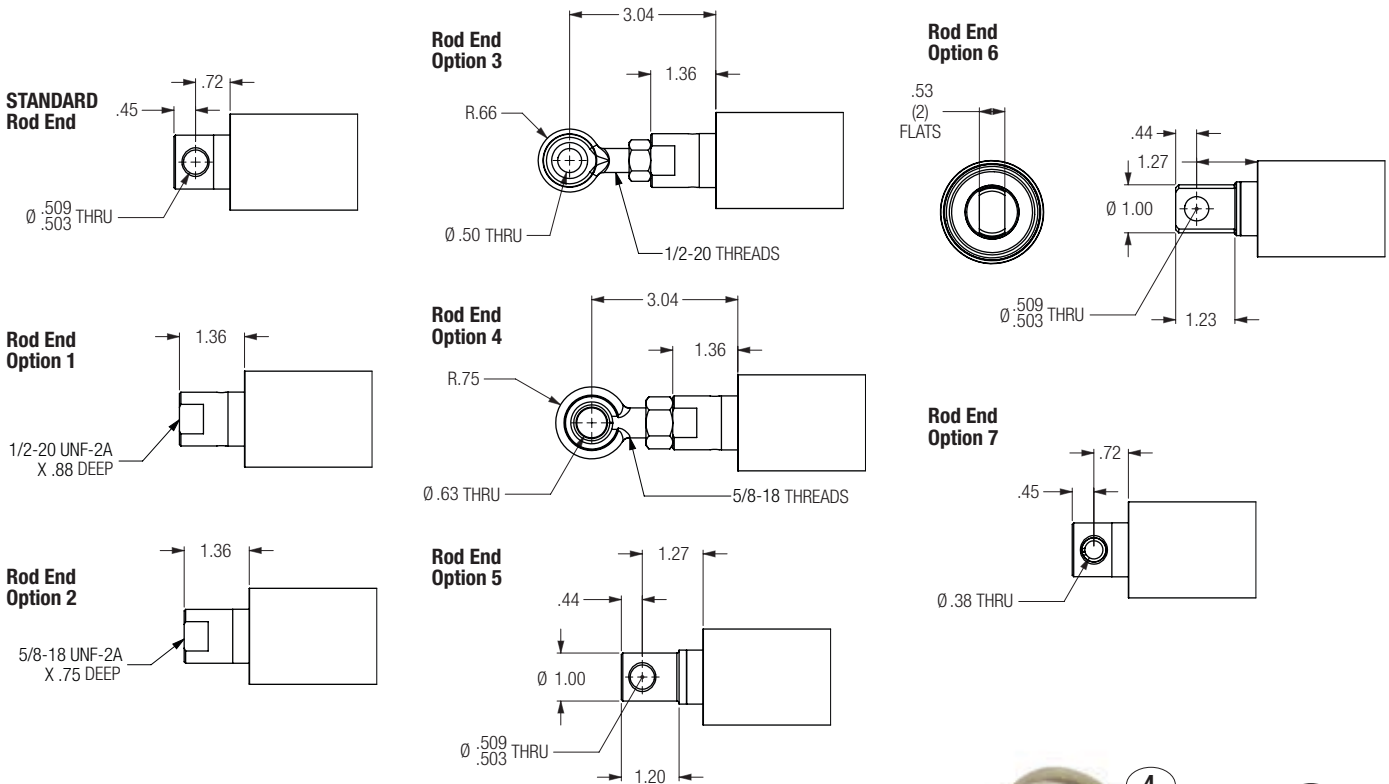
If your application has a special need that our standard catalog products are unable to fit, please contact your Warner Linear representative or consult with our technical specialists so we can configure a product to fit your need.

### A few of our standard special offerings:

- Special pin to pin lengths and stroke lengths
- Special end fittings and mounting configurations
- Special paints and motor lead wire lengths and connectors

## B-Track Rod End Mounting Options

Dimensions are in inches



### Rod End Mounting Option Examples

(Available for B-Track models only, consult factory for more options)

- |                           |                        |
|---------------------------|------------------------|
| 1. 1/2" Threaded rod end  | 5. 1" Extended rod end |
| 2. 5/8" Threaded rod end  | 6. Flat sided rod end  |
| 3. 1/2" Spherical rod end | 7. 3/8" Rod end insert |
| 4. 5/8" Spherical rod end |                        |

Consult with factory for specific mounting configuration needs.



Standard

## Custom Actuator Solutions

We recognize how critical our actuators are to the overall performance of your equipment. Working closely with your engineering and development staff, we strive for an early understanding of how you want your linear actuator to perform.

Building a direct communication line from our engineer to your engineer provides a number of significant benefits.

- A teaming of creative resources
- Joint understanding of our actuator capabilities and how they can be tailored to your application
- An understanding of the lowest cost solution to meet your actuator requirements
- Providing a complete solution that includes controls as required

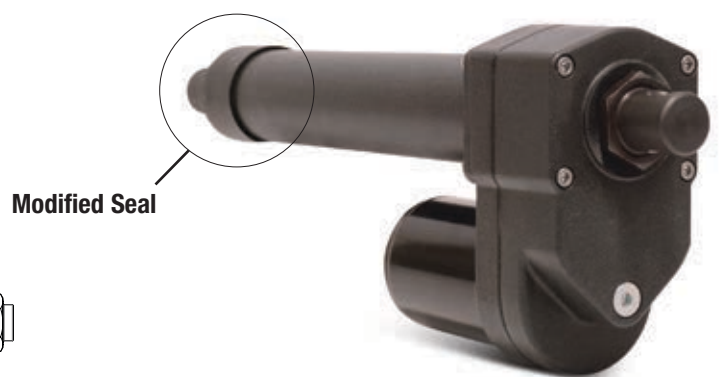
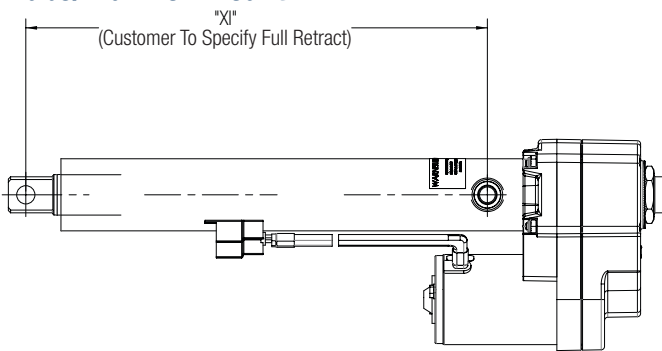
### Warner Linear routinely provides actuators modified to meet specific customer application requirements

Some common versions of these are shown as our K2PL/K2XPL and K2JS/K2XJS families.

Additional common modifications are:

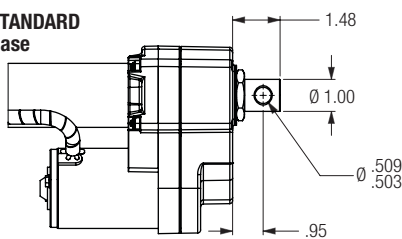
### Modified Seal design for expanded contamination protection

#### Tube/Trunnion Mount

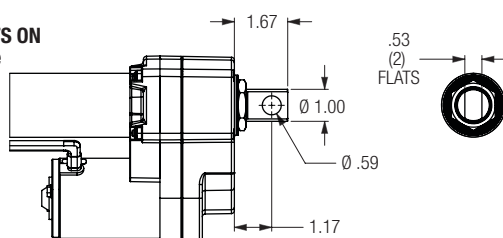


#### B-Track Base Clevis Options

##### STANDARD Base

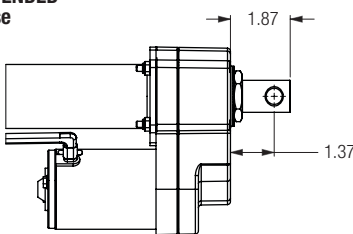


##### FLATS ON Base

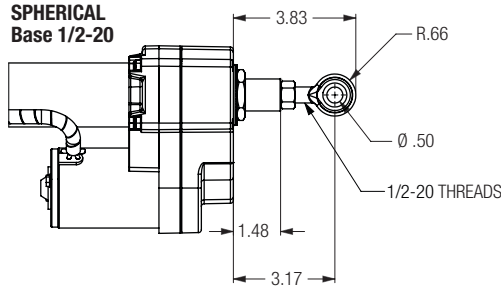


Dimensions are in inches

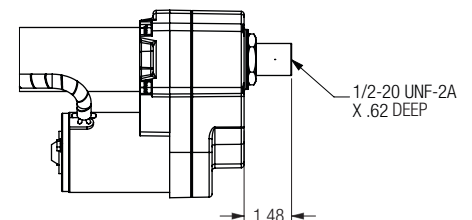
##### EXTENDED Base



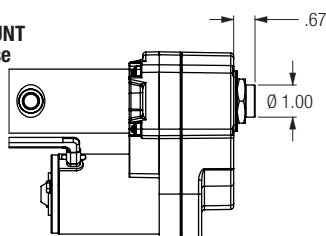
##### SPHERICAL Base 1/2-20



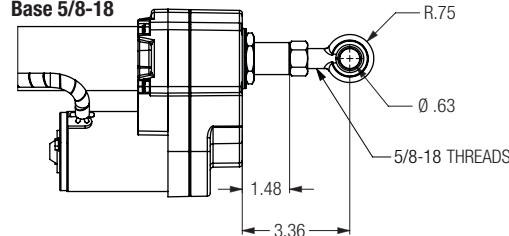
##### THREADED Base 1/2-20



##### BLUNT Base



##### SPHERICAL Base 5/8-18



##### THREADED Base 5/8-18

