

Actron Military Slides



Actron
Quality Engineered Hardware





Actron Manufacturing Company Profile

Actron Manufacturing was founded in 1971 by Robert Rechberg, a highly experienced machinist and engineer, who learned his trade through the watch making business in both Germany and the U.S. His original business goal was to design and manufacture innovative latching solutions for the Aerospace and Marine industries. By the end of the first decade of operation, the company achieved a reputation among major commercial aircraft customers for well-designed products of superior quality and performance. In the mid 80's, Actron developed a family of ruggedized high-strength aluminum slides for the military marketplace.

Today, Actron continues to be an innovator, providing engineering solutions to the Aerospace and Defense industry; supporting programs aboard naval ships, submarines, specialty ground vehicles, ground shelters, as well as offering customized slide applications for electronic enclosures, radar systems, high speed rail, and military aircraft. We are acknowledged as a leader in customer service and product performance by Actron's diverse military and commercial/industrial customer base.

A Manufacturer of Superior Military Slides

For special military applications, Actron slides are field proven by armed forces around the globe. Actron's high strength aluminum military slides are designed and engineered to endure extreme conditions. They are tested to withstand rigid military specification requirements for load capacity, cyclic operation, vibration, extreme temperature fluctuation and salt spray corrosion.

Made with Pride in the USA

U.S. made Actron military products meet governmental and Department of Defense requirements for the "Buy American Act" by producing everything at our facility in Southern California. We invest in the latest machines, tooling, and production control technology, enabling us to significantly raise the productivity of our skilled workforce, as well as maintain the highest levels of product quality and customer service. This also allows us to manufacture our top quality hardware products at competitive prices, and avoid outsourcing processes to plants outside the U.S.A.

Innovative Engineering and Product Development

Actron military slides are engineered to meet military tough standards worldwide, allowing them to operate reliably in the field for many years. Our innovative approach enables our engineering team to offer value added solutions and recommendations to meet requirements for military and government programs. Product development for new programs benefit from our utilization of Computer-Aided Design (CAD) and 3D modeling design processes.

Vertically Integrated Manufacturing and Quality

From automated CNC machinery to a highly-skilled work force, we are able to offer our customers quality products that meet demanding timelines. Actron believes in lean manufacturing principles that keep us competitive and efficient in an ever-changing marketplace. Actron promotes continuous improvement and our Advanced Planning System enables us to accomplish high manufacturing and quality standards with the latest techniques in Production Control.



Applications

- Military Aircraft
- Military & Specialty Ground Vehicles
- Military Ships & Submarines
- Ground Support Equipment (Rack Mounted Server/Data Storage)

Product/Features

- High Strength Aluminum Slide Rails (1U & 2U)
- Cable/Wire Management Solutions Behind the Chassis
- EIA Compatible
- Engineered to Support Heavy Loads Up to 1500 lbs
- EIA Retma Mtg. Brackets & Nut Bars (STD. & Off-Set)
- Load Align Isolator Pins (High Shock Load)
- Multiple Locking Devices, Pivoting Mechanisms, Shock Blocks (High "G" Load), Over/Under Travel, and Front Chassis Disconnect

Manufacturing/Engineering

- All Actron Products are "MADE IN USA" and Manufactured to Both Military and Commercial Specifications
- Actron Maintains a Complete Engineering Facility For Your Specific Requirement or Application Design Solution
- Technical Support From Experienced Application Engineers

Test Proven Products

- Static/Ultimate Load, Cycle, Shock & Vibration per MIL-S-901, MIL-S-167, MIL-E-16400 to Meet or Exceed Test Requirements of BIFMA & ANSI
- Can Withstand Harsh Environmental Conditions, High/Low Temperature, Humidity, Salt Spray, Dust & Dirt

Actron Has Supported Military Programs for:



Naval Ships/Subs:
BMD – Ballistic Missile Defense
SSDS – Ship Self Defense System
EMALS – Electronic Magnetic Aircraft Launch System



Ruggedized Mobile Equipment:
IFV – Infantry Fighting Vehicle
GCV – Ground Combat Vehicle



Military Aircraft Programs:
P-8A Poseidon
F-18 Super Hornet
UAS – Unmanned Aircraft Systems
ISR – Intelligence Surveillance
Reconnaissance Systems

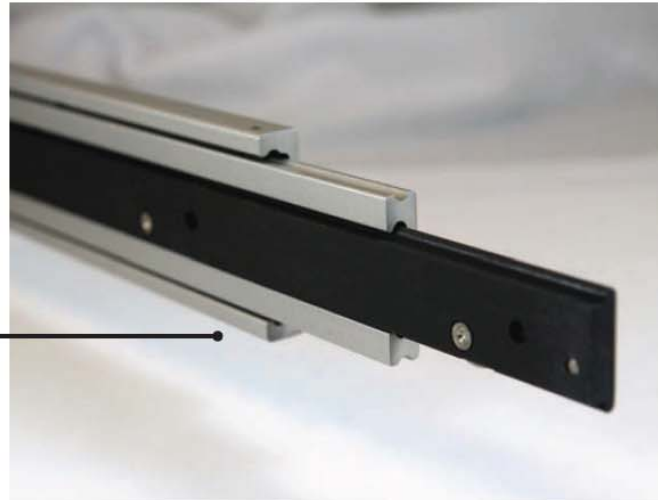


Ground Support Systems:
Data Servers
Radar Systems
UPS
Industrial Storage

Special Features

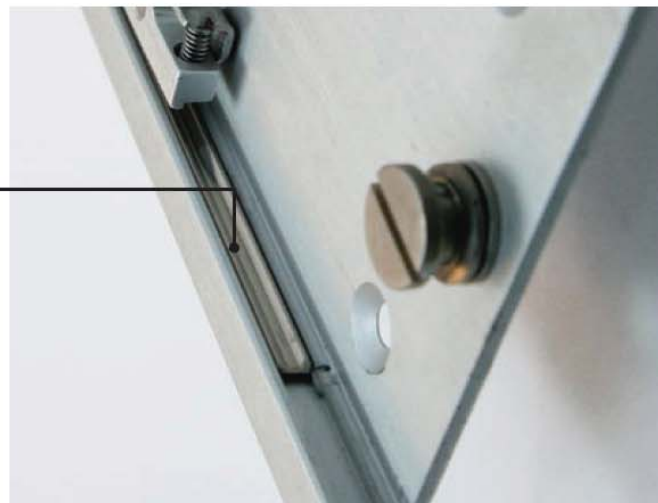
Integrated Slide Features

- Locks For Open, Closed, and Open/Closed Positions
- Pivoting Mechanism ($\pm 90^\circ$)
- Adjustable Rear Shock Block
- Over Or Under Travel
- Special Hole Types and Patterns
- Available on A5400, A5600, A5700 and A6200 Series



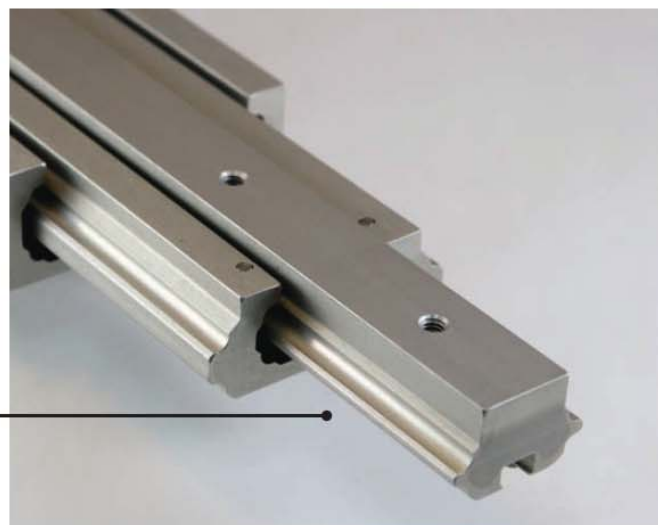
Low Profile Slide Rails

- For 1U Applications up to 100 lbs.
- Available with Lock Open, Lock Closed, Shock Blocks, Disconnect Chassis Section & Cable Management System
- Available on A5400 Series



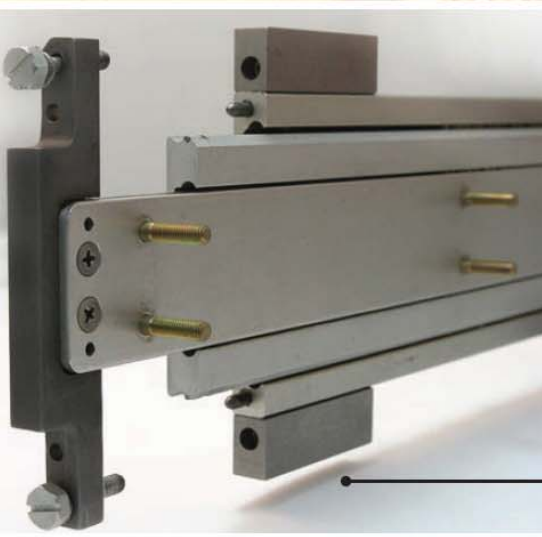
Stainless Steel Raceways

- Enable Slide to Meet Shock and Vibration Requirements
- Increase Load and Cycle Life
- Available on A5700 and A6200 Series



Dual Raceways

- For High Load Under or Over Carriage Applications
- Available with Lock Open, Lock Closed, Shock Blocks, and Chassis Disconnect Section
- Available on A6500 Series



Shock Blocks

- Used to Meet Shock Spec MIL-S-901 and Vibration Spec MIL-S-167
- Captive Screw and Receptacle for High Strength Chassis Section Closed Position Lock
- Available on A5400, A5700, A6200, and A6500 Series



EIA Enclosure Brackets (A53100 & A53101)

- Recessed, Flat and Adjustable
- Threaded Nut Bars Also Available for Brackets
- Available as Separate Items or Factory Installed



Wire/Cable Management Systems

(ACR53002)

- Sold Separately or Integrated Into Slide Rails

Load Isolators (A53602)

- Adjustable for up to 2° of Misalignment
- Made of High Strength 17-4 PH Stainless Steel



Strut Assemblies (A48000 Series)

- Available with Various Extensions and Features
- Locking – Open/Closed
- Manual Quick Release
- Pivoting Rod End Bearings

A5010
A5015

A5110
A5115

A5120

A5125

A5130
A5150

A5155

A5158

A5160A5170

A5210

A5215

A5220

A5221

A5225
A5230

A5235

A5240

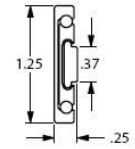
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A5285

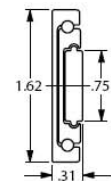
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50	0	.25	3	•			•	•										A5010
50	0	.25	3		•		•	•										
100	-1	.31	3	•			•	•										A5110
100	-1	.31	3		•		•	•										
100	-1	.31	3	•			•							SOLID CENTER TRACK				
100	-1	.31	3		•		•							SOLID CENTER TRACK				
100	-1	.31	3		•		•	•				•						
100	-1	.31	3	•			•	•										
100	-1	.31	3		•		•	•										
100	-1	.31	3		•		•	•										
100	-1	.31	3	•			•							SOLID CENTER TRACK				
100	-1	.31	3		•		•							SOLID CENTER TRACK				
100	-1	.31	3		•		•	•				•						
100	-1	.31	3	•			•											
																		A5150
100	0	.38	4	•			•		•									
100	0	.38	4			•	•	•		•								
100	0	.38	4		•	•	•		•					ALTERNATE LEVERS				
100	0	.38	4		•	•	•		•					FRONT PANEL RELEASE				
100	0	.38	4		•		•		•									
100	0	.38	4		•		•		•									
100	0	.38	4	•			•		•						•			A5210
100	0	.38	4	•			•		•						•			
100	0	.38	4	•			•		•				•					
100	0	.38	4		•	•	•		•				•					
80	0	.37	3	•			•	•										
80	0	.37	3		•		•	•										A5255
80	0	.399	4	•			•		•					•				
80	0	.399	4		•		•		•					•				
100	0	.38	4	•			•		•					•	•			
100	0	.38	4	•			•		•					•	•			

*Equal to slide

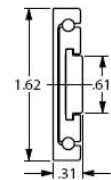
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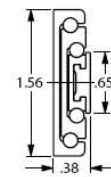
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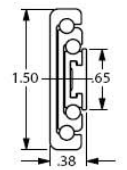
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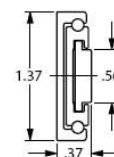
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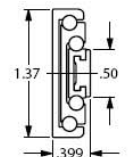
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A5255



A5260



A5300

A5310

A5315

A5350

A5355

A5360

A5400

A5410

A5415

A5420

A5425

A5450

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A5460

A5468

A5500

A5510

A5515

A5520

A5550

A5555

A5600

A5610

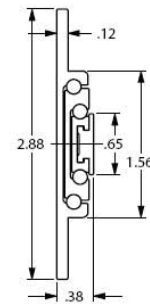
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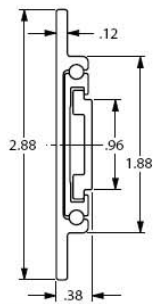
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Nominal Load Rating	Travel (Standard)*	Width	Number of Sections	No Locks	Lock Open	Lock Closed	Chassis Disconnect	Roller Bearing Chassis Section	Full Ball Design	Stainless Steel Raceways	Chassis Section Pivot $\pm 90^\circ$ (Opt. $\pm 45^\circ$)	Shock Blocks	EIA - Retina Brackets	Light Weight Design	Soft Closing Mechanism	Other Features
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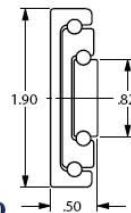
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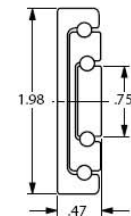
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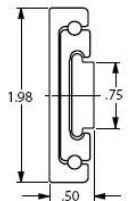
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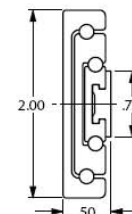
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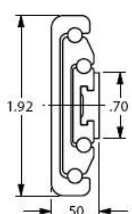
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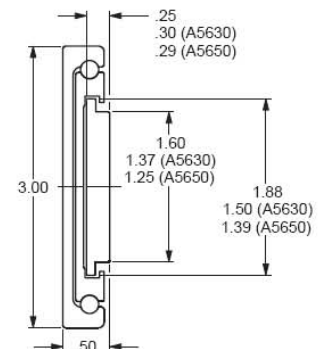
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A5510



A5550

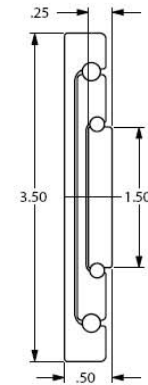


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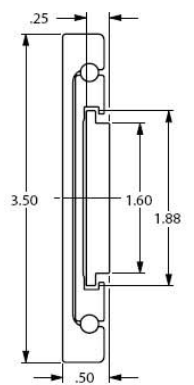
A5700

	Nominal Load Rating	Travel	Width	Number of Sections	No Locks	Lock Open	Lock Closed	Chassis Disconnect	Roller Bearing Chassis Section	Full Ball Design	Stainless Steel Raceways	Chassis Section Pivot $\pm 90^\circ$ (Opt. $\pm 45^\circ$)	Shock Blocks	EJA - Retina Brackets	Light Weight Design	Soft Closing Mechanism	Other Features
A5710	200	-1	.50	3	•			•									
A5711	200	-1	.50	3	•			•				•					
A5720	200	-1	.50	3		•		•									
A5725	200	-1	.50	3		•		•				•					
A5730	200	-1	.50	3	•		•	•									
A5731	250	-1	.50	3	•		•	•		•							
A5735	200	-1	.50	3		•	•	•									
A5736	250	-1	.50	3		•	•	•		•							
A5737	250	-1	.50	3		•	•	•		•			•				
A5740	200	-1	.50	3		•	•	•			•						
A5741	250	-1	.50	3		•	•	•		•	•						
A5742	200	-1	.50	3		•	•	•			•		•				
A5745	200	-1	.50	3		•	•	•			•						
A5746	250	-1	.50	3		•	•	•		•	•						
A5759	250	-1	.50	3		•	•	•		•		•					
A5750	200	-1	.50	3	•		•	•									
A5751	250	-1	.50	3	•		•	•		•							
A5755	200	-1	.50	3		•	•	•									
A5756	250	-1	.50	3		•	•	•		•							
A5757	250	-1	.50	3		•	•	•		•			•				
A5758	200	-1	.50	3		•	•	•				•					
A5760	200	-1	.50	3		•	•	•									
A5761	250	-1	.50	3		•	•	•		•							

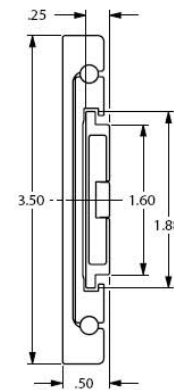
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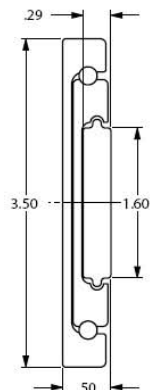
A5710



A5730



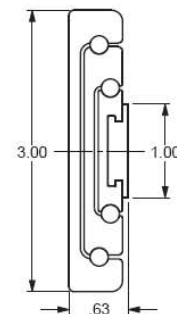
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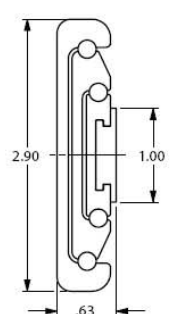
A5750

A5800

A5810	250	0	.62	4	•		•	•									
A5811	300	0	.62	4	•		•	•	•								
A5815	250	0	.62	4		•	•	•									
A5816	300	0	.62	4		•	•	•	•								
A5820	250	0	.62	4		•	•	•									
A5821	300	0	.62	4		•	•	•	•								
A5850	250	0	.62	4	•		•	•				•					



A5810



A5850

A5900

A5910

A5920

A6000

A6010

A6011

A6012

A6013

A6015

A6016

A6017

A6018

A6100

A6110

A6115

A6120

A6125

A6130

A6150

A6200

A6210

A6211

A6212

A6213

A6215

A6217

A6218

A6225

A6226

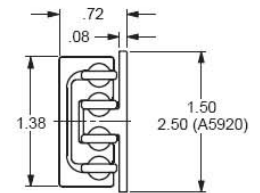
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A6230

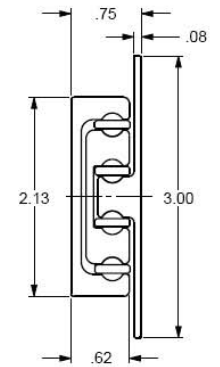
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Nominal Load Rating
Travel (Standard)*
Width
Number of Sections
No Locks
Lock Open
Lock Closed
Chassis Disconnect
Roller Bearing Chassis Section
Full Ball Design
Stainless Steel Raceways
Chassis Section Pivot $\pm 90^\circ$ (Opt. $\pm 45^\circ$)
Shock Blocks
EIA - Retma Brackets
Light Weight Design
Soft Closing Mechanism
Other Features

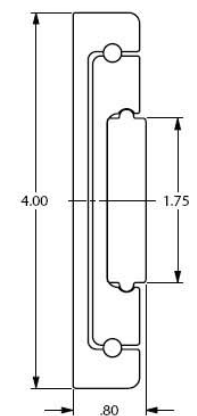
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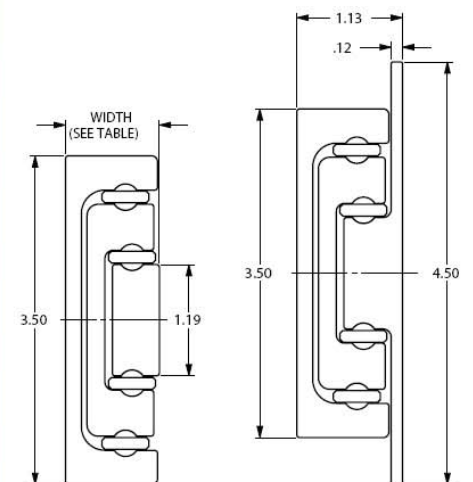
A5910



A6010



A6110



A6210

A6230

*Equal to slide length +/- value noted

A6200

A6240

350

-1

1.13

3

•

•

•

A6241

500

-1

1.13

3

•

•

•

A6250

350

-1

1.13

3

•

•

A6251

500

-1

1.13

3

•

•

•

A6260

350

-1

1.13

3

•

•

A6261

500

-1

1.13

3

•

•

•

A6300

A6310

200

-1

1.20

3

•

•

WITH SHELF

A6311

200

-1

1.20

3

•

•

WITH SHELF

A6315

200

-1

1.08

3

•

•

A6320

200

-1

1.20

•

•

WITH FLANGE

A6325

200

-1

1.24

•

•

WITH SHELF & BASE

A6330

200

-1

1.24

•

•

WITH SHELF & BASE

A6335

200

-1

1.12

•

•

WITH FLANGE & BASE

A6400

A6410

300

-1

1.12

3

•

•

A6411

450

-1

1.12

3

•

•

•

A6415

300

-1

1.12

3

•

•

A6416

450

-1

1.12

3

•

•

•

A6420

450

-1

1.12

3

•

•

•

A6500

A6510

250

-1

3.50

3

•

•

A6515

250

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A6520

250

-1

3.50

3

•

•

•

A6525

250

-1

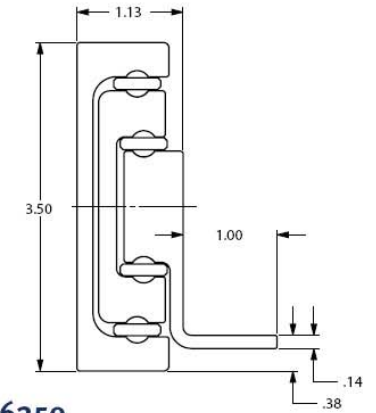
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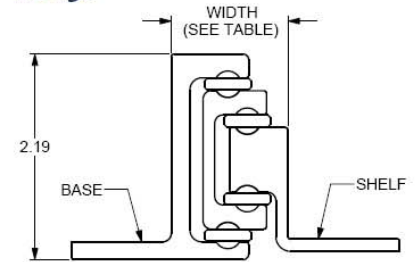
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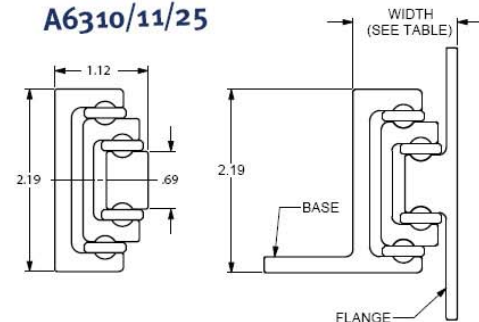
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A6250

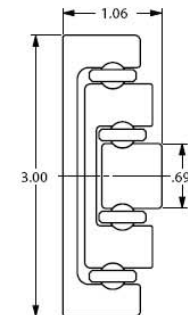


A6310/11/25

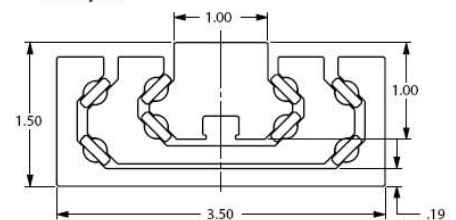


A6315

A6320/30/35



A6410



A6510

A6600

A6610

A6615

A6620

A6700

A6710

A6715

A6720

A6721

A7000

A7010

A7015

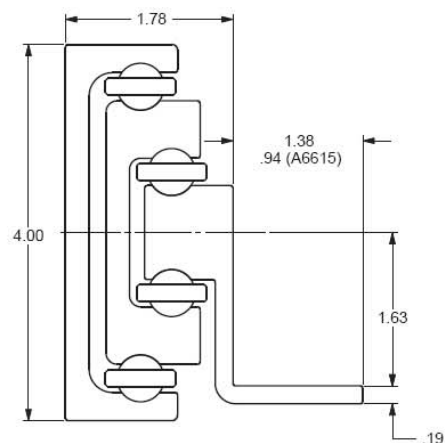
A7020

A7025

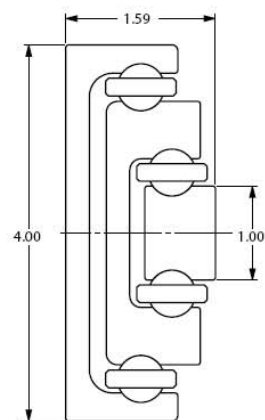
		Nominal Load Rating	Travel (Standard)*	Width	Number of Sections	No Locks	Lock Open	Lock Closed	Chassis Disconnect	Roller Bearing	Full Ball Design	Stainless Steel Raceways	Chassis Section Pivot ± 90° (Opt. ± 45°)	Shock Blocks	EIA - Retma Brackets	Light Weight Design	Soft Closing Mechanism	Other Features
A6610	500	-1	1.78	3	•				•									
A6615	500	-1	1.78	3	•				•									
A6620	500	-1	1.59	3	•				•									
A6710	800	-1	1.84	3	•				•									
A6715	800	-1	1.84	3		•			•									
A6720	800	-1	1.66	3		•			•									
A6721	800	-1	1.66	3		•			•									
A7010	50		.44	2	•				•									
A7015	50		.38	2	•				•									
A7020	100		.50	2	•				•									
A7025	50		.38	2	•				•									

LINEAR MOTION MECH. (INNER MEMBER TRAVELS WITHIN LENGTH OF OUTER CHANNEL)

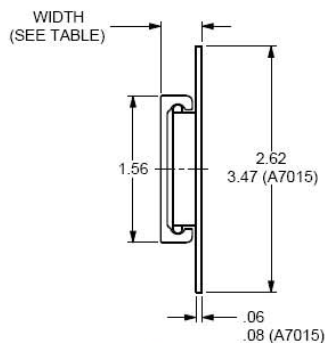
*Equal to slide length +/- value noted



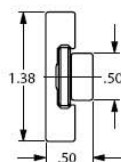
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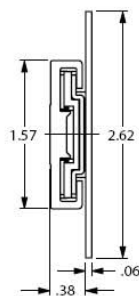
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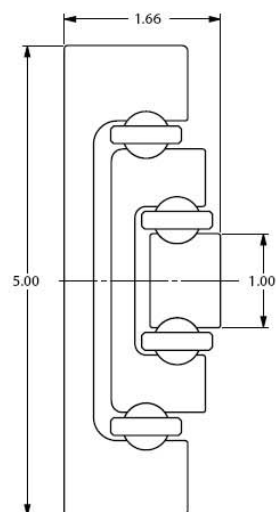
A7010



A7020



A7025



A6710

Drawings not actual size. Specifications subject to change without notice.



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1841 Railroad Street • Corona, California 92880

Phone 951.371.0885 • Fax: 951.371.1288 • www.actronmfginc.com

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