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> Accuride Double Slide Rail 558mm User Manual

Accuride C30122

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MODEL: C30122

1. Product Overview

The Accuride Double Slide Rail 558mm, model C30122, is a precision medium-duty slide rail utilizing ball bearings for smooth operation. This standard slide rail product features a simple design where the drawer member is non-detachable. It is suitable for a wide range of applications, including but not limited to computers, copiers, measuring instruments, home appliances, and steel furniture.



Figure 1: Accuride Double Slide Rail C30122, illustrating the two main components of the rail system.

2. Key Features

- Precision slide rail using ball bearings.
- Designed for medium-duty applications.
- 3-member full travel type for extended reach.
- Drawer member is non-detachable.
- Features a stop type mechanism.
- Constructed from Steel (SPCC) with a trivalent chromium plating finish for durability.
- Country of Origin: Japan.



Figure 2: Assembled view of the Accuride Double Slide Rail, demonstrating its extended position.

3. Setup and Installation

Proper installation is crucial for the optimal performance and longevity of the slide rail.

3.1. Pre-installation Checklist

- Ensure the mounting surface is clean, flat, and sturdy.
- Verify that the dimensions of your application match the rail specifications.
- Gather necessary tools: screwdriver, measuring tape, level, drill (if required), and appropriate fasteners (not included).

3.2. Mounting Instructions

1. Identify the fixed member and the moving member of the slide rail. The fixed member typically attaches to the cabinet or stationary structure, while the moving member attaches to the drawer or movable

component.

2. Align the fixed member of the slide rail with the desired mounting position on your stationary structure. Use a level to ensure it is perfectly horizontal or vertical, depending on your application.
3. Mark the drilling points through the pre-drilled holes on the rail.
4. Drill pilot holes if necessary, ensuring they are appropriate for your chosen fasteners.
5. Secure the fixed member using suitable screws. Do not overtighten.
6. Extend the moving member and align it with the drawer or movable component.
7. Mark and drill pilot holes on the drawer/movable component.
8. Secure the moving member to the drawer/movable component.
9. Test the slide rail's movement to ensure it operates smoothly without binding.

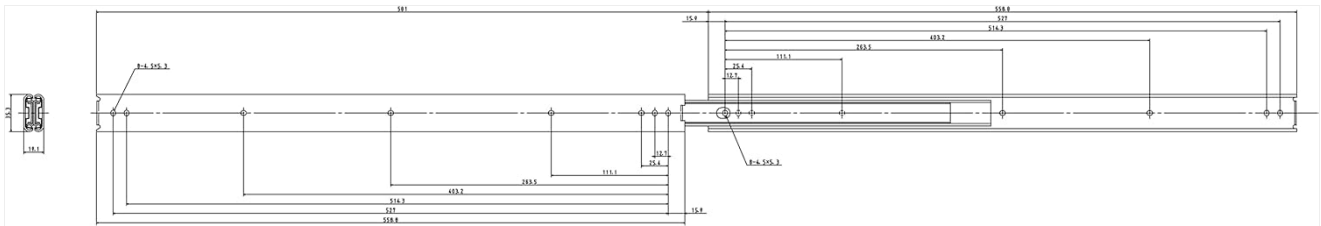


Figure 3: Technical drawing of the Accuride Double Slide Rail, showing detailed dimensions and mounting hole locations. Refer to this diagram for precise installation measurements.

4. Operating Instructions

The Accuride Double Slide Rail is designed for smooth and reliable operation.

4.1. Basic Operation

To extend the drawer or movable component, simply pull it outwards. The ball bearings will facilitate a smooth and quiet motion. To retract, push the component inwards until it reaches the closed position. The integrated stop mechanism will prevent over-extension and ensure a secure closed position.

4.2. Load Capacity Considerations

The rated load capacity for a pair of these rails in a vertical application is 579 N (approximately 59 kg or 130 lbs).

Important: When used in a horizontal application, the rated load capacity becomes 1/4 of the displayed vertical load capacity. Always ensure the total weight of the drawer and its contents does not exceed the specified load capacity for your mounting orientation.

5. Maintenance

Regular maintenance helps ensure the longevity and smooth operation of your slide rails.

5.1. Cleaning

Periodically wipe down the rails with a clean, dry cloth to remove dust and debris. For stubborn dirt, a slightly damp cloth can be used, followed immediately by drying. Avoid abrasive cleaners or solvents that could damage the trivalent chromium plating.

5.2. Lubrication

The ball bearings are pre-lubricated. Under normal use, additional lubrication is generally not required. If the movement becomes stiff or noisy over time, a small amount of light machine oil or silicone-based lubricant can be applied sparingly to the ball bearing raceways. Wipe off any excess lubricant.

5.3. Inspection

Regularly inspect the rails for any signs of wear, damage, or loose fasteners. Tighten any loose screws immediately. If significant damage is observed, consider replacing the rail to prevent potential hazards.

6. Troubleshooting

If you encounter issues with your slide rail, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Stiff or rough movement	Accumulated dirt/debris; lack of lubrication; misalignment.	Clean the rails thoroughly. Apply a small amount of lubricant. Check for proper alignment and adjust if necessary.
Rail does not fully extend/retract	Obstruction; bent rail; incorrect installation.	Inspect for obstructions. Check if the rail is bent or damaged. Re-check installation for proper alignment and clearances.
Excessive noise during operation	Lack of lubrication; worn ball bearings; loose fasteners.	Apply lubricant. Inspect ball bearings for wear. Tighten all mounting screws.
Drawer/component wobbles	Loose mounting screws; improper load distribution.	Tighten all mounting screws on both the fixed and moving members. Ensure the load is evenly distributed.

7. Specifications

Attribute	Detail
Brand	Accuride
Model Number	C30122
Product Dimensions (L x W x H)	558.8 x 19.1 x 35.3 mm
Travel Distance	581 mm
Product Weight	1.27 kg (per rail)
Rated Load (Vertical, per pair)	579 N (approx. 59 kg / 130 lbs)
Rated Load (Horizontal, per pair)	1/4 of vertical rated load
Material	Steel (SPCC)
Surface Treatment	Trivalent Chromium Plating
Type	3-member full travel, non-detachable drawer member, stop type
Country of Origin	Japan

8. Warranty and Support

Specific warranty information for this product is typically provided at the point of purchase or on the manufacturer's official website. Please retain your proof of purchase for any warranty claims.

For technical support, further inquiries, or to report issues not covered in this manual, please contact Accuride customer service or your local distributor. Contact information can usually be found on the Accuride official website.

Manufacturer: (Accuride Japan)

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