

Transforming Boat Design with the DA0115RC Accuride Linear Motion Track - Metrol Springs Ltd's Success Story



In the world of manufacturing and design, partnerships play a pivotal role in turning ideas into reality. Each Accuride project, whether dealt with by ourselves at Accuride or by our distributors, is treated with a personal touch. So, we were particularly proud to hear that our distributor [Metrol Springs Ltd](#) has taken a similar personal approach with their customers.

The Challenge: A Sliding Roof for a Boat

This was put to the test when a customer approached [Metrol Springs Ltd](#) with a unique challenge - the desire to create a sliding roof for their boat. [Metrol Springs Ltd](#) went beyond the conventional role of a supplier, instead providing support as a design partner and problem solver. The customer has put a lot of hard work into this boat renovation project so far, which he documents on his [YouTube channel 'Boatholic'](#), so the high level of support he received was especially appreciated.

It was soon evident that a conventional solution wouldn't suffice. The challenge was to find an alternative that not only met the functional requirements but also aligned with the aesthetic and practical aspects of the boat's design. With many years of experience as an Accuride Distributor, the [Metrol Sales team](#) knew our range of slides well and were quick to recommend our [DA0115RC linear motion track](#) for the sliding roof application.

The Accuride Solution: DA0115RC Linear Motion Track

[Accuride's linear motion track range](#), known for its smooth movement, includes three variants catering to [light duty](#), [medium duty](#), and [heavy duty applications](#). After assessing the application's requirements, the light duty DA0115RC linear motion track was the ideal solution for the boat's sliding roof. With the slide's ability to

smoothly support a significant weight of up to 130kg, this linear motion track offered the durability and reliability required for the challenging marine environment.



DA0115RC Light Duty Linear Motion Track

The implementation of the linear motion track not only met the technical specifications but also exceeded expectations in terms of performance. The boat's sliding roof now seamlessly opens and closes, adding a touch of innovation and functionality to the customer's vessel.

<https://media.graphassets.com/ZR7JCTmNRLeCiiI9lhZ>

If you have a similar application which requires a sliding solution which can support more than 130kg, take a look at [our compact DA0118RC medium duty linear track](#), designed to support up to 375kg and with an impressively low push force. For extra heavy duty applications, take a look at the [DA0116RC heavy duty linear guide](#), suitable for applications of up to 600kg.



DA0118RC Medium Duty Linear Motion Track

Collaboration and Support

This success story is not just about a product or a specific project; it reflects the broader commitment of Accuride and our distributors to collaborate and support customers in bringing their ideas to life. Whether an individual is a DIY enthusiast, a seasoned professional, or simply a dreamer with a vision, Accuride and our network of distributors are ready to support projects from inception to completion.

View our full range of linear motion slides or talk to one of our technical experts who will be on hand to support your project.