



## **Reliable linear guidance for variable radii – new curved linear guides available from igus**

**Custom-curved linear rails and adaptable guide carriages allow for additional freedom of design.**

Based on the proven line of drylin W linear plain bearings, motion plastics expert igus has now introduced linear rails bent to custom radii, along with adaptable carriages that can self-align between straight linear runs and curves without binding. According to Matt Mowry, Product Manager for drylin linear and drive technology at igus Inc., this new addition to the drylin W toolkit allows for “entirely new possibilities in applications including marine, aerospace, and stage technologies.” Other applications, including inside commercial and agricultural vehicle cabins, have also been explored.

Like all drylin systems, the new curved rails and self-aligning carriages operate without the requirement for any external lubrication or maintenance, and offer easy installation.

### **Customized solutions for maximum freedom**

To compensate for rail spacing, a pivoting spherical ball, made of self-lubricating iglide plastic materials, is used in the new self-aligning carriage, allowing for movement on flat, as well as convex or concave curved rails. The carriage is also available with manual clamping options, allowing the carriage to be fixed at any point of travel.

### **About igus®**

igus® develops industry-leading Energy Chain® cable carriers, Chainflex® Motion Cables, DryLin® linear bearings and linear guides, iglide® plastic bushings, and igubal® spherical bearings. These seemingly unrelated products are linked together through a belief in making functionally advanced, yet affordable plastic components and assemblies. With plastic bearing experience since 1964, cable carrier experience since 1971 and Motion Cables since 1989, igus provides the right solution from over 100,000 products available from stock. No minimum order required. For more information, contact igus at 1-800-521-2747 or visit [www.igus.com](http://www.igus.com).

**Images:**



**Picture PR-3016-01, igus Inc.**

Thanks to the new drylin carriages from igus, customers can now use curved linear guides with different radii.

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