

igus sets new standards in the catalogue

Over 100 further iglidur products increasing the standard catalogue range

igus has once again and in time for the Motek, included a further 100 iglidur products in the catalogue of the standard range of plain bearings. Newly listed are; some new dimensions of the extremely temperature-resistant material iglidur X. The diverse catalogue range has become wider still to offer the right plain bearing for every application. And they are quickly available from stock.

The igus plain bearings catalogue is currently comprised of around 12,000 products. This autumn 117 more iglidur products will be added, which at igus also means offering this item ready from stock. Among other new entries, is the extension of available sizes consisting of the high tech, extremely temperature- and chemically-resistant material: iglidur X six new dimensions from 80 to 120 mm inner diameter. "Until now, there were primarily the 'standard materials' iglidur G, J and W300 in these large diameters. Our high-temperature classic iglidur X was missing here," explains René Achnitz, head of the iglidur plain bearings business unit at igus. The material is suitable for continuous use at temperatures from -100°C to +250°C and has a very high compressive strength and universal chemical resistance. The extension of the standard range results from the requirements of laboratory and practical tests, and also from direct contact with customers.

Both the high number of catalogue products as well as the steady growth is largely due to the variety of materials offered by igus. The spectrum ranges from the cost-effective iglidur all-round bearings and FDA-compliant bearings, to high temperature and underwater bearings. This ability to offer almost any plain bearing for any situation is also illustrated in the dry-tech sample box, which can be ordered at igus free of charge by visiting www.igus.eu/box. The box is an "offline-analogue" option of the product finder at igus. Thanks to the enclosed overlay cards, the various materials can be filtered according to different criteria such as temperature, chemical resistance or food contact just

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as in the online configurator. This can then determine the ideal material for the individual application.

Install and forget

iglidur plain bearings do not need external lubrication, making them completely maintenance-free excelling in dry operation. Following the motto “Install and forget”, they reliably operate throughout their service life contributing to the safety of machines. Indeed, the failure costs due to insufficient lubrication alone in the United States, according to the MIT in Boston, are around 240 billion dollars. The service life of the plain bearings can easily be predicted online. The basis for this is drawn from the results of continuous in-house tests at igus for durability, friction and wear in the test laboratory spread over 1,750 square metres. Over 15,000 plain bearing tests are performed every year.

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ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 35 countries and employs around 2,400 people around the world. In 2013, igus generated a turnover of 427 million euros with motion plastics, plastic components for moving applications. igus operates the largest test laboratories and factories in its sector to offer customers quick turnaround times on innovative products and solutions tailored to their needs.

The terms ‘igus, e-ketten, e-kettensysteme, chainflex, readycable, easychain, e-chain, e-chainsystems, energy chain, energy chain system, flizz, readychain, robotlink, pikchain, triflex, twisterchain, invis, drylin, iglidur, igubal, xiros, xirodur, plastics for longer life, CFRIP, dryspin, manus and vector’ are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

Captions:



Image PM3414-1

The igus plain bearings catalogue already lists more than 12,000 products that are available from stock. More products are added to it, such as the high-temperature material iglidur X in large dimensions from 80 mm inner diameter.

(Source: igus GmbH)



Image PM3414-2

Online or offline: Thanks to the online tools (left) and dry-tech sample box (right), the user can quickly find the most suitable iglidur plain bearings for his application. (Source: igus GmbH)