

## **New iglidur Q2E bearing withstands loads up to 130MPa**

In construction and agricultural machinery, commercial vehicles and even offshore plants, extreme loads often prevail for plain bearings. For this reason, igus has developed the iglidur Q2E bearing.

The bearing features a hard polymer shell and a tribo-optimised core made of iglidur Q2 material. These two materials combine to ensure that the bearing can withstand the highest edge loads. Even under loads of 7 tons and more, with a plain bearing with a diameter of 20mm, this core is dimensionally stable and wear resistant. Like a protective shell, this gives the bearing higher strength and thus ensures an increased service life. igus has proven this in its test laboratory, where the bearing withstood a radial load of 130 MPa.

As with all igus bearings, the high-performance plastics are lubrication-free and therefore provide maintenance-free operation of the bearing points and prevent machine failures due to inadequate lubrication. In addition, dust and debris can no longer adhere to the bearing points, which minimises wear.

igidur Q2E is initially available for shaft diameters of 20, 25, 30 and 40mm. For further information, please visit: [www.igus.co.uk/igidurisense](http://www.igus.co.uk/igidurisense) or call igus directly on: 01604 677240

### **igus resources:**

-  LiveChat with our technical team at [igus.co.uk](http://igus.co.uk)
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-  Watch our videos at [igus.co.uk/YouTube](http://igus.co.uk/YouTube)
-  Connect to us at [igus.co.uk/Facebook](http://igus.co.uk/Facebook)
-  Read our blog at [blog.igus.co.uk](http://blog.igus.co.uk)

### **About igus:**

Based in Northampton in the UK and with global headquarters in Cologne, Germany, igus is a leading international manufacturer of energy chain systems and polymer plain bearings. The family-run company is represented in 35 countries and employs 4,150 people around the world. In 2018, igus generated a turnover of 748 million euros with motion plastics, plastic components for moving applications.

With plastic bearing experience since 1964, cable carrier experience since 1971 and continuous-flex cable since 1989, igus provides the right solution based on 100,000 products available from stock with between 1,500 and 2,500 new product introductions each year. 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, chainflex, CFRIP, conprotect, CTD, drylin, dry-tech, dryspin, easy chain, e-chain, e-chain systems, e-ketten, e-kettensysteme, e-skin, flizz, ibow, iglide, iglidur, igubal, manus, motion plastics, pikchain, readychain, readycable, speedigus, triflex, plastics for longer life, robolink and xiros are protected by trademark laws in the Federal Republic of Germany and internationally, where applicable.

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