

Compact, chip-repellent design: the new R2.40 plastic energy tube from igus

snap-open lid ensures easy filling

Cologne, XX October 2015 – At the Motek and at the EMO, igus is presenting the energy tube series R2 with 40 millimetre inner height, which offers the right solution for compact installation spaces such as in machine tools. Like its big brother, R2.75 with 75 millimetres interior height, the new energy tube provides users with protection against chips, dust and dirt. At the same time it is easy to open and close, making assembly work very simple.

Chip-resistant energy chains, so-called energy tubes, offer cables protection from external influences in dirty environments or inside processing areas. Constructed on the basis of the cost-effective E2-principle (two parts per chain link) made of tribologically optimised plastics from igus, the chip-proof energy tubes of the R2 series also offer, in addition to the advantages of lubricant and maintenance free operation, protection from external dirt accumulation and flying chips. At the Motek igus will present the energy tube in a new size with 40 millimetres inner height to a specialist audience. This can be opened both along the outer radius (R2.40) and in the inner radius (R2i.40), allowing users to choose an option that is the easiest for them when filling the cables and hoses. The lids can be snapped open in either direction and need not be completely removed for filling the tube.

Gentle design for cables and easy on the ear

The contours of the lid of the R2.40 energy tube are smooth and their curvature and tight manufacturing tolerances guarantee that chips do not accumulate between the stop dogs. Smooth inner contours of the energy tube and rounded latching separators made of the same material also protect the cables. The integrated grid design also ensures a firm hold of the interior separation, even in side-mounted applications. With an integrated brake on the individual chain links, the chain runs audibly quieter. Less vibrations means more precise work on the workpiece. With the double stop dogs, the energy tube can absorb high fill weights and can even master long unsupported

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lengths. The universal mounting brackets of the R2.40 moreover ensure chip protection and also provide comprehensive options for internal strain relief.

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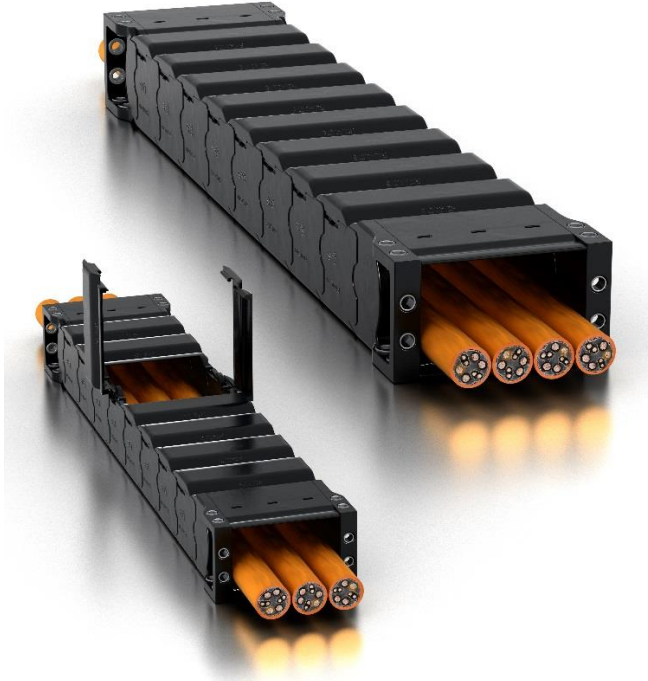
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ABOUT IGUS:

igus GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings. The Cologne-based family business has offices in 36 countries and employs around 2,700 people around the world. In 2014, igus generated a turnover of 469 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, robolink, 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



Picture PMxx15-1

The energy tube R2.40 (left) protects moving cables from chips, dust and dirt even in small installation spaces. Like the larger R2.75 (right), it is very easy to open and saves a lot of installation time. (Source: igus GmbH)



Picture PM4315-2

High cable protection trough smooth inner contours and curvature snap-open lids made of the same material. The universal mounting brackets of the R2.40

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moreover ensure chip protection and provide comprehensive options for internal strain relief. (Source: igus GmbH)