

New: Ball pivots with internal or external thread for flexible installation

Joint bearing novelty from igus allows simple connection

For direct connection of pneumatic cylinders and pneumatic springs, the igus GmbH now has a new ball pivot with internal thread in the igubal program, the product range of pivoting bearings from igus. This ball pivot can include the also new plastic flanged housing or other connector elements as another option. This saves components and shorten overall assembly processes.

The offered internal thread of the ball pivot, which is unique within the market, makes an installation of other connector elements for pneumatic cylinders and pneumatic springs needless. For this reason, customers have more freedom with respect of their designs. Because the pivot - typical for igubal joint bearing products - is flexible in the stabile plastic flange bearing, installation options could be simplified too. Furthermore it saves weight, space and misalignment can be compensated.

The combination of a metallic ball pivot, optionally made of steel or stainless steel, with a plastic housing of high stability, allows this component to be used even among the most adverse conditions. Due to no external lubrication being required, an application that can be used in environments with dust and dirt, chemicals, humidity or changing temperatures is possible. Another typical feature of the plastic bearing, is the vibration dampening that avoids swinging of the components in high-frequency applications.

Can be delivered in three sizes within 24 hours

Ball pivots from igus are available as internal or external thread in three sizes according to DIN mounting dimensions (M6, M8 and M10). A variant with fine thread is also available on short call. The size of the associated plastic flange bearings varies between a width of 25 and 38 mm, depending on the desired mounting dimension. In addition to trouble-free installation, and to increase the freedom of construction, there is quick delivery of the components, because the products can be ordered online from stock and will be ready to deliver within 24 hours.



Picture PM4113-1

New in the igubal product range: The ball pivot in the flange bearing with internal thread. This makes other components for the connection with pneumatic cylinders or pneumatic springs needless. (Source: igus GmbH)

CONTACT:

igus® GmbH
Spicher Str. 1a
D-51147 Köln
Phone +49-22 03 / 96 49-0
Fax +49-22 03 / 96 49-222
info@igus.de
www.igus.de

PRESS CONTACT:

Oliver Cyrus

Head of PR & Advertising
igus® GmbH
Spicher Str. 1a
D-51147 Köln
Phone +49 (0) 22 03 / 96 49 - 459
Fax +49 (0) 22 03 / 96 49 - 631
ocyrus@igus.de www.igus.de

About igus®:

The igus GmbH is a world's leading manufacturer in the field of energy chain systems and polymer plain bearings. The family-run company is based in Cologne, represented in 29 countries and contracts 2,200 employees worldwide. In 2012 igus generated a turnover of 399 million Euro. igus operates the largest test laboratories and factories in its industry to offer customers innovative and tailor-made products and solutions within the shortest time.

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