

Enhancing the movie and gaming experience

igus' plastic bushings and self-aligning bearings for entertainment seating

East Providence, RI - September 15, 2011

D-BOX Technologies, a designer and manufacturer of sophisticated motion systems for the entertainment industry, uses [iglide® plastic bushings](#) and [igubal® pillow block bearings](#) in its home theater, gaming and movie theater seats. The company replaced expensive PTFE-lined bearings, which had a short lifespan and produced excessive noise during operation.

The seats use three types of intelligent movement – subtle pitch, roll and heave – to move the occupant gently forwards and backwards, from side to side, and up and down. That, combined with encoded vibrations, meant the bearings had to be robust, yet cost-effective.

iglide L280 plastic bushings are used in the seats' actuator because they are easy to install, have a long lifespan and can be purchased directly from stock. These features have created a number of production benefits for D-BOX and its customers, including shorter manufacturing processes, enhanced performance and reduced maintenance requirements.

D-BOX uses igubal pillow block bearings to enable its seats to pivot. igubal pillow blocks are ideal because they compensate for misalignment and, like iglide L280, are easy to install and available from stock.

iglide L280 plastic bushings and igubal pillow blocks are also lubrication-free, vibration-dampening and highly wear resistant. They additionally withstand heavy loads, which is important as the seat performs various types of motion, for people of all sizes.

To request the latest catalog or a free sample, visit www.igus.com/quickorder.

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About igus

igus develops industry-leading Energy Chain® cable carriers, Chainflex® continuous-flex cables, iglide plastic bushings, igubal spherical bearings, and DryLin® linear bearings and linear guides. 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 continuous-flex cable since 1989, igus provides the right solution from over 80,000 products available from stock. No minimum order required. For more information, contact igus at (800) 521-2747 or visit www.igus.com.

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EDITORIAL CONTACT:
Courtney Toomey
Marketing Specialist
Phone: (401) 438-2200
E-mail: ctoomey@igus.com

IGUS, INC.
PO BOX 14349
East Providence, RI 02914 USA
www.igus.com