

Maintenance-Free Bearings

igus

igus® (East Providence, RI) has announced iglide® self-lubricating, maintenance-free plastic bearings are being used in the design and development of a single-passenger, urban commuting vehicle. The Personal Transport Vehicle - Ground, or "PTV-G", is the brainchild of Redbud Technology LLC out of Union Grove, Ala. Its unique design uses an articulated steering geometry, which means the inclined steering pivot is positioned just behind the occupant, and as a result reacts like a high-performance, two-wheeled motorcycle. iglide plastic plain bearings are used in both the independent rear suspension and in the rear wheel lean-and-tilt mechanisms. iglide plastic bearings are ideal for the harsh, dirty operating environment of the vehicle since they will not corrode and require no maintenance or external lubrication. The low cost and easy installation of the bearings is also an important benefit.

Learn more at www.igus.com [1].

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<http://www.impomag.com/product-releases/2013/08/maintenance-free-bearings>

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[1] <http://www.igus.com/yesprogram>