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3D adjustable entry model: „Pivota DX 35 3-D LT“ replaces 2-D model

With the „Pivota DX 35 3-D LT“, Basys is continuing its efforts to also be able to offer price-sensitive markets a concealed hinge for flush doors. Compared to the slimmed-down „2-D LT“ hinge introduced in 2019, the new hinge can now be adjusted 3-dimensionally. It also already features the increased opening size between the hinge bodies introduced last year to make it easier and more stable to install.

Like its predecessor, „Pivota DX 35 3-D LT“ – „LT“ stands for „light“ – features the transversely mounted piston guide inherent in all concealed Basys hinges. The sliding pistons guide the forces that occur during opening and closing in a circular pattern in all directions. This principle gives the doors a smooth-running mechanism and ensures maintenance-free and durable function both when supporting the door weight and during smooth opening and closing.

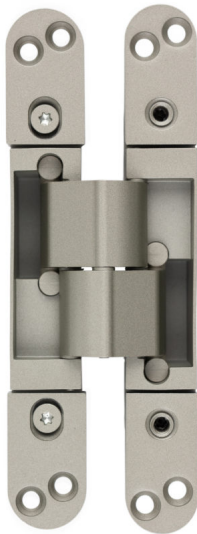
A new feature of the „Pivota DX 35 3-D LT“ is now a simplified adjustment mechanism, which can be used to set not only the side gap and the height position, but also the sealing pressure. In addition, Basys reduced the variety of parts and for the first time uses hinge bodies made of glass-fibre reinforced plastic, which is identical for the frame and leaf part of the hinge. Nevertheless, the new „Light“ version offers stability and has a load capacity of 40 kilograms per pair.

The geometry of the two articulated joints of the „Pivota DX 35 3-D LT“ is based on the optimised „Pivota DX 38 N 3-D“. Thanks to the increased opening size, the hinge can be milled deeper into the material on the leaf and frame side. This stabilises the overall construction.

On request, Basys supplies the „Pivota DX 35 3-D LT“ in standard finishes such as „satin nickel plated“ or in RAL colours such as black. Available as accessories are safety plates for case frames and hinge receivers for steel frames.



Caption: "Pivota DX 35 3-D LT" is the name of the current and 3-dimensionally adjustable version of a cost-effective entry-level model in the field of concealed hinges for flush doors. Photo: Basys



BaSys

BaSys stands for Bartels Systembeschläge. The family-owned company run by Albert and Jürgen Bartels has been developing, producing and selling an all-embracing range of building hardware since 1995. With its hinge and striking-plate systems, BaSys regards itself as a problem solver for door and frame manufacturers throughout Europe as well as for national and international customers from retail and the trades. In 2001, the company was the first German manufacturer to present a concealed and three-dimensionally adjustable hinge with the "Pivota" product range, initiating a new design trend in the door industry. At company headquarters in Kalletal, East Westphalia, BaSys employs around 100 members of staff.