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A demonstration of strength: „Objecta“from BaSys – visible hinge systems for heavy-duty doors

The hinge system „Objecta 2239/160/56-4 S“ with „STV 135/56 3-D“ for the field of heavy-duty doors is a demonstration of strength. The barrel hinge has successfully passed the tests for doors weighing 350 kilograms. When developing the product, the focus was not only on the hinge itself but, above all, on the hinge retainer. With its construction principle – with fixing pin and high-quality bearing materials – this model follows the renowned system approach of the „Objecta“ door hinges.

With the „Objecta“ product range, Basys has designed a door-hinge system which is just as functional as it is aesthetically pleasing, which is geared to a high frequency of opening and closing cycles and which requires no maintenance throughout its service life. This is ensured by the high-quality bearing system in which flange bushings with enlarged sliding surfaces are embedded in a special plastic for minimum friction. „Objecta“ door hinges are tested and certified under DIN EN 1935 and conform to CE hinge classes 11 and 14 respectively.

The fixing pin, featured in all left and right-opening „Objecta“ door hinges, distinguishes the product from the usual standard. Acting as fixing pins, the grub screws provide the additional benefit of burglary protection because when the door is closed they prevent the hinge pin from disengaging and the shaft from being driven out easily. These heavy-duty hinges also meet the demands on smoke protection, fire protection, sound insulation as well as escape safety.

The „Objecta“ hinge for heavy-duty doors is available for rebated and non-rebated door geometries. Basys also supplies mounting accessories, such as retaining plates for surrounding frames.



Caption 1: The hinge system "Objecta 2239/160/56-4 S" with "STV 135/56 3-D" for the field of heavy-duty doors is a demonstration of strength. The barrel hinge has successfully passed the tests for doors weighing 350 kilograms. When developing the product, the focus was, above all, on the hinge retainer. Photo: BaSys



Caption 2: The barrel hinge system for the field of heavy-duty doors "Objecta" in use in the lobby of Grandhotel „The Fontenay“ in Ham¬burg: The huge door leafs with claddings are always open to an angle of 180 degrees and they will close automatically in the case of fire. Foto: 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.