



Nearly invisible.

PIVOTA® DX Glass Fitting system for glass doors

BaSys
Bartels Systembeschläge GmbH

The frame part of the hinge disappears into the frame and the wing part vanishes into a retainer screwed into and therefore clamped to the glass door.



The centrepiece is the patented design principle with a symmetrical four-knuckle joint that transmits the forces from the door wing evenly to the frame.



Magnetically attached design covers ensure a screw-free look.



The entire fitting system results in a uniform design.

Made of solid aluminium, it provides many different options for finishing the surface to match its design to the color of the frame, to the decorative fitting and the high-quality lockable lock case, making it suitable for project applications.

Concealed in the project: The BaSys hinge that turns the glass door.

Hiding the technology in a glass door, seems paradoxical. And yet the building hardware manufacturer BaSys has accepted this challenge. With the concealed hinge "PIVOTA® DX Glass", it lays the foundation for the development of a complete system consisting of hinge, lock, handle and frame which subordinates itself to the transparent and filigree aesthetics of glass revolving doors in a minimalist and discreet manner. It is the straight-lined, purist design, the clear design language of the hinge and lock mounting box as well as the use of materials reduced to the essentials. BaSys mills the hinge mounting box from a solid block and adapts it to the hinge size and glass thickness. The "PIVOTA® DX Glass" concealed in it supports up to 160 kilograms of door weight per pair.

This is an argument for being able to realise large revolving glass doors, up to three metres high, with only two instead of three hinges. The doors can be opened up to 180 degrees with the hinge, have maintenance-free bearings and can be adjusted three-dimensionally. When the door is closed, the hinge and lock case are flush with the frame on both sides.

When the door is open, magnetically held cover plates ensure a screw-free appearance.