

# BAKA Protect 4010 3D FD

with 3D comfortable eccentric adjustment



## Product features

- for rebated timber entrance doors
- concealed receiver in the frame
- for doors with overlap seals
- with comfortable eccentric adjustment
- 3D adjustment (side +/- 3.0 mm, height +/- 3.0 mm, compression +/- 3.0 mm)
- usable for system testing in accordance with DIN EN 1627 ff.
- maintenance-free slide bearings

## Technical data

| Property             | Value    |
|----------------------|----------|
| Load capacity        | 160.0 kg |
| Knuckle length       | 140.0 mm |
| Knuckle Diameter     | 20.0 mm  |
| Pin diameter         | 10.0 mm  |
| Cutter diameter      | 20.0 mm  |
| Collar ring diameter | 30.0 mm  |

## Notes

## Quality marks



CE certification



IFT certification

## Classification code

EN 1935 / EAD

|   |   |   |                 |   |                 |   |                  |
|---|---|---|-----------------|---|-----------------|---|------------------|
| 2 | 7 | 3 | 1 <sup>*1</sup> | 1 | — <sup>*2</sup> | 0 | 10 <sup>*3</sup> |
|---|---|---|-----------------|---|-----------------|---|------------------|

<sup>\*1</sup> Test evidence for functional doors to be achieved with full door sets and assemblies.

<sup>\*2</sup> depending on the finish

<sup>\*3</sup> test cycles in continuous operation with 160 kg

**BAKA - BAKA Protect 4010 3D FD**

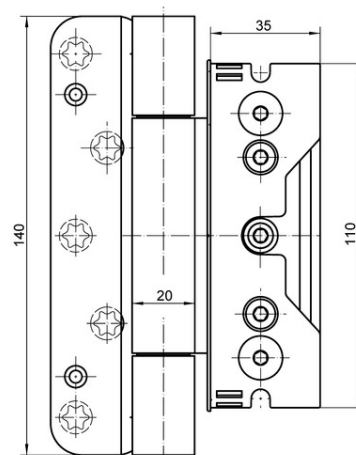
The load capacity mentioned above refers to the use of 2 hinges per door leaf (1 x 2 m), for detailed information please look at the chapter [technical information](#).

Set consists of 3 hinges (1 hinge = height and side adjustment, 2 hinges = compression and side adjustment).

If necessary, a 4th hinge has to be ordered separately.

Also available with security pin (MSTS).

The suitability for fire doors depends on the door construction.



front view

**Installation tools**

Drilling jig BAKA Protect 4000 frame

Retrofit kit BAKA Protect 4000 frame

Ball catch location routing jig BAKA Protect 4000 door

Ball catch location routing jig BAKA Protect 4000 frame

Routing jig BAKA Protect 4000 door

Drilling / routing jig BAKA Protect 4000 frame

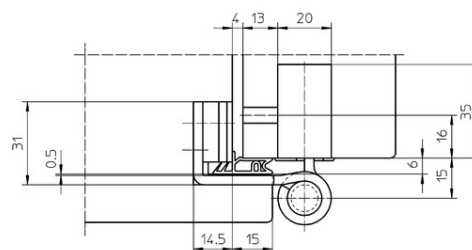
Template BAKA Protect 4000 FD door 20/30

Template BAKA Protect 4000 FD door 20/27

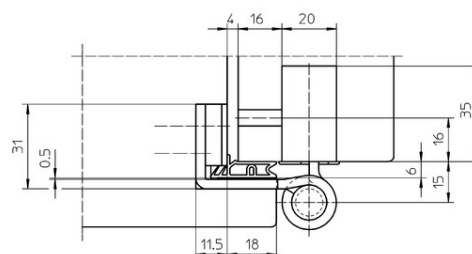
Template BAKA Protect 4000 FD door 16/27

Template BAKA Protect frame 20/30

Template BAKA Protect frame 16/27



overlap 15 mm



overlap 18 mm

**Combinations**

Decorative sleeve no. 12

Cover cap BAKA Protect 4000

**BAKA - BAKA Protect 4010 3D FD****Function range**

burglar  
resistance



fire resistance



soundproof

**Item versions**

|                |                                 |
|----------------|---------------------------------|
| Finish         | Polished gilded (SW 032)        |
| VPE            | 1 set (3 pieces)                |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 080822 0 03285                |
| ITEM NO. (SAP) | 500001457                       |
| EAN            | 4015471114374                   |
| Finish         | Satin Stainless Steel (SW 040)  |
| VPE            | 1 set (3 pieces)                |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 080822 0 04085                |
| ITEM NO. (SAP) | 500001458                       |
| EAN            | 4015471104184                   |
| Finish         | RAL 9016 Traffic White (SW 070) |
| VPE            | 1 set (3 pieces)                |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 080822 0 07085                |
| ITEM NO. (SAP) | 500001461                       |
| EAN            | 4015471104160                   |
| Finish         | H9 Brown (SW 071)               |
| VPE            | 1 set (3 pieces)                |
| DIN            | DIN right and left hand         |
| ITEM NO.       | 5 080822 0 07185                |
| ITEM NO. (SAP) | 500001463                       |
| EAN            | 4015471104177                   |
| Finish         | RAL 9005 Matt Black (SW 107)    |

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|                |                                    |
|----------------|------------------------------------|
| VPE            | 1 set (3 pieces)                   |
| DIN            | DIN right and left hand            |
| ITEM NO.       | 5 080822 0 10785                   |
| ITEM NO. (SAP) | 500001468                          |
| EAN            | 4015471120498                      |
| Finish         | Topzinc (SW 110)                   |
| VPE            | 1 set (3 pieces)                   |
| DIN            | DIN right and left hand            |
| ITEM NO.       | 5 080822 0 11085                   |
| ITEM NO. (SAP) | 500001469                          |
| EAN            | 4015471104153                      |
| Finish         | Satin Nickel Look (F2)<br>(SW 125) |
| VPE            | 1 set (3 pieces)                   |
| DIN            | DIN right and left hand            |
| ITEM NO.       | 5 080822 0 12585                   |
| ITEM NO. (SAP) | 500001473                          |
| EAN            | 4015471118174                      |