

## VX 7939/160-4 FD VBRplus

with welded hinge knuckle for rebated, high performance soundproof heavy-duty doors with continuous acoustic seal



### Product features

- with welded hinge knuckle
- for rebated, extreme heavy soundproof doors
- with groove for continuous acoustic seal
- for timber frames
- for 3D adjustable VARIANT VX receivers
- internal torsion-proof pin
- concealed, maintenance-free axial-radial slide bearings

### Technical data

| Property               | Value         |
|------------------------|---------------|
| Load capacity          | 400.0 kg      |
| Knuckle length         | 160.0 mm      |
| Knuckle Diameter       | 22.5 mm       |
| Pin diameter           | 10.0 mm       |
| Cutter diameter        | 24.0 mm       |
| Collar ring diameter   | 30.0 mm       |
| Material thickness     | 4.0 mm        |
| Screws                 | 6.0 x 50.0 mm |
| Screws for cover plate | 3.0 x 25.0 mm |

### Quality marks



CE certification



IFT certification

### Classification code

EN 1935 / EAD

|   |   |   |                 |   |                 |   |                  |
|---|---|---|-----------------|---|-----------------|---|------------------|
| 4 | 7 | 7 | 1 <sup>*1</sup> | 1 | — <sup>*2</sup> | 1 | 14 <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

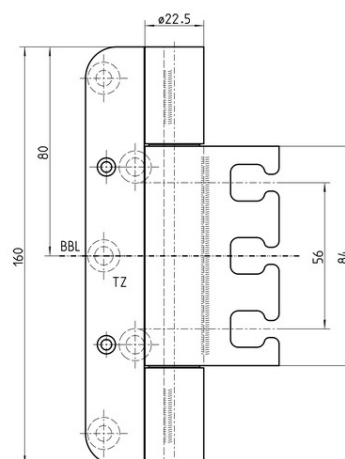
<sup>\*3</sup> test cycles in continuous operation with 400 kg

**VARIANT VX - VX 7939/160-4 FD VBRplus****Notes**

The load capacity mentioned above refers to two hinges per door leaf (1 x 2 m). Also the load capacities of the respective combined receiver have to be taken into consideration. For detailed information please look at the chapter [technical information](#).

Also available with security pin (MSTS).

The suitability for fire doors depends on the door construction.



front view

**Installation tools**

Universal milling frame

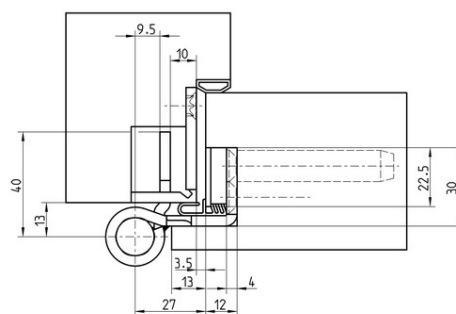
Template 5 250572 5

**Combinations**

VX 7531 3D

VX 7532 3D

VX 7535 3D



block frame

**Function range**

fire resistance



smoke  
resistance



soundproof

**Item versions**

|                |                             |
|----------------|-----------------------------|
| Finish         | Satin nickelled F2 (SW 018) |
| VPE            | pack of 2                   |
| DIN            | DIN right and left hand     |
| ITEM NO.       | 5 051918 0 01802            |
| ITEM NO. (SAP) | 500000854                   |

**VARIANT VX - VX 7939/160-4 FD VBRplus**

|                |                                   |
|----------------|-----------------------------------|
| EAN            | 4015471114695                     |
| Finish         | Satin Stainless Steel<br>(SW 040) |
| VPE            | pack of 2                         |
| DIN            | DIN right and left hand           |
| ITEM NO.       | 5 051918 0 04002                  |
| ITEM NO. (SAP) | 500000855                         |
| EAN            | 4015471114718                     |