

# Product data sheet

## TS 550 NV F



Floor spring for single leaf fire protection doors up to 1400 mm leaf width  
with adjustable closing force EN 3-6 and without hold-open device

### AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left single-action doors
- Single-action doors up to 1400 mm leaf width and 300 kg weight
- Frequently used and heavy doors
- Floor mounting, concealed



### PRODUCT FEATURES

- Closing force with variable adjustment EN 3-6
- Can be used for right and left hand doors without conversion
- Delayed closing adjustable to adapt the closing force of the door up to approx 80° opening angle
- Closing speed can be individually adjusted
- Hydraulic latching action which accelerates the door shortly before it is closed
- Integrated back check, slows down doors that are thrown open forcefully
- All functions can be adjusted from above and in the installed state

### TECHNICAL DATA

|   |                    |
|---|--------------------|
| Productname   | TS 550 NV F        |
| Suitability for fire protection doors                                   | Yes                |
| Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm | 1100 mm            |
| Use on single-/double-action door                                       | Single-action door |
| Type of installation  | Floor              |
| Opening angle (max.)  | 180 °              |
| Closing force in accordance with EN 1154                                | EN 3 - 6           |
| Leaf width (max.)   | 1400 mm            |
| Leaf weight (max.)  | 300 kg             |
| DIN direction   | left / right       |
| Closing force adjustable  | Yes, stepless      |
| Adjustable closing speed  | Yes                |
| Latching action adjustable  | Yes, via valve     |
| Back check integrated   | Mechanically fixed |
| Delayed closing integrated  | Yes                |
| Position of closing force adjustment                                    | Top                |
| Hold-open of fire protection doors                                      | No                 |

## PART

### FLOOR SPRING COVER PLATE

For TS 550 NV / TS 550 NV F



| Designation                   | Description                 | Ident-No. | Colour          | Material        | Surface |
|-------------------------------|-----------------------------|-----------|-----------------|-----------------|---------|
| Cover plate GEZE floor spring | For TS 550 NV / TS 550 NV F | 125888    | Stainless steel | Stainless steel | brushed |
| Cover plate GEZE floor spring | For TS 550 NV / TS 550 NV F | 125890    | Brass           | Brass           | brushed |

### CLOSER BODY TS 550 NV F

Basic body for floor-mounted door closer EN 3-6 without hold-open function



| Designation             | Description  | Ident-No. | Closing force in accordance with EN 1154 | Dimensions       | Pivot type |
|-------------------------|--|-----------|--|------------------|------------|
| GEZE TS 550 NV F Closer | Door closer size EN 3-6, closing effect from 180°, without hold-open function, delayed closing possible, door leaf weight up to 300 kg (without cover plate and accessories) | 132755    | EN 3 - 6                                 | 342 x 82 x 54 mm | Flat cone  |
| GEZE TS 550 NV F Closer | Door closer size EN 3-6, closing effect from 180°, without hold-open function, delayed closing possible, door leaf weight up to 300 kg (without cover plate and accessories) | 132754    | EN 3 - 6                                 | 342 x 82 x 54 mm | Flat cone  |

## ACCESSORIES

### COVER CAPS FOR DOOR RAILS (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



| Designation  | Description       | Ident-No. | Colour                | DIN direction | Material |
|--|-------------------|-----------|-----------------------|---------------|----------|
| GEZE cover caps for door rails (flush-mounted doors) | Models DB, EK, FK | 137586    | Stainless steel optic | left          | Aluminum |
| GEZE cover caps for door rails (flush-mounted doors) | Models DB, EK, FK | 137577    | Stainless steel optic | right         | Aluminum |
| GEZE cover caps for door rails (flush-mounted doors) | Models DB, EK, FK | 006798    | EV1                   | right         | Aluminum |

| Designation  | Description       | Ident-No. | Colour | DIN direction | Material |
|--|-------------------|-----------|--------|---------------|----------|
| GEZE cover caps for door rails (flush-mounted doors) | Models DB, EK, FK | 006794    | EV1    | left          | Aluminum |

### COVER CAPS FOR DOOR RAILS (REBATED DOORS)

Models DB, EK, FK



| Designation                                      | Description       | Ident-No. | Colour                | DIN direction | Material |
|--|-------------------|-----------|-----------------------|---------------|----------|
| GEZE cover caps for door rails (rebated doors) * | Models DB, EK, FK | 045155    | EV1                   | right         | Aluminum |
| GEZE cover caps for door rails (rebated doors) * | Models DB, EK, FK | 137617    | Stainless steel optic | right         | Aluminum |
| GEZE cover caps for door rails (rebated doors) * | Models DB, EK, FK | 137618    | Stainless steel optic | left          | Aluminum |
| GEZE cover caps for door rails (rebated doors) * | Models DB, EK, FK | 045196    | EV1                   | left          | Aluminum |

### COVER CAPS FOR PIVOT HINGES (FLUSH-MOUNTED DOORS)

Models DB, EK, FK



| Designation                                       | Description  | Ident-No. | Colour                | DIN direction | Material |
|---|--|-----------|-----------------------|---------------|----------|
| Cover caps for pivot hinges (flush-mounted doors) | Suitable for flush-mounted doors and pivot hinge models DB, EK, FK | 001090    | EV1                   | left / right  | Aluminum |
| Cover caps for pivot hinges (flush-mounted doors) | Suitable for flush-mounted doors and pivot hinge models DB, EK, FK | 137640    | Stainless steel optic | left / right  | Aluminum |

### COVER CAPS FOR PIVOT HINGES (REBATED DOORS) \*

Models DB, EK, FK



| Designation                                   | Description  | Ident-No. | Colour                | DIN direction | Category of door |
|---|--|-----------|-----------------------|---------------|------------------|
| Cover caps for pivot hinges (rebated doors) * | Suitable for rebated doors and pivot hinge models DB, EK, FK | 137642    | Stainless steel optic | right         | rebated          |
| Cover caps for pivot hinges (rebated doors) * | Suitable for rebated doors and pivot hinge models DB, EK, FK | 037918    | EV1                   | left          | rebated          |
| Cover caps for pivot hinges (rebated doors) * | Suitable for rebated doors and pivot hinge models DB, EK, FK | 038302    | EV1                   | right         | rebated          |
| Cover caps for pivot hinges (rebated doors) * | Suitable for rebated doors and pivot hinge models DB, EK, FK | 137641    | Stainless steel optic | left          | rebated          |

### SPINDLE CAP FLOOR SPRING

With flat cone, including clamping-extension bolt



| Designation                       | Description                                       | Ident-No. | Spindle extension | Pivot type |
|-----------------------------------|---|-----------|-------------------|------------|
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010337    | 5 mm              | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010385    | 50 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010373    | 25 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010378    | 40 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010377    | 35 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 052170    | 13 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 050644    | 0 mm              | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010372    | 20 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010347    | 15 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 050930    | 8 mm              | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 050931    | 28 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010381    | 45 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010338    | 10 mm             | Flat cone  |
| GEZE spindle cap for floor spring | With flat cone, including clamping-extension bolt | 010374    | 30 mm             | Flat cone  |

### SPINDLE CAP FLOOR SPRING \*

With square for single-action doors, including clamping-extension bolt



| Designation                | Description  | Ident-No. | Spindle extension | Pivot type       |
|----------------------------|--|-----------|-------------------|------------------|
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053960    | 15 mm             | Square DIN left  |
| Spindle cap floor spring   | With square for single-action doors, including clamping-extension bolt | 053954    | 0 mm              | Square DIN left  |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053957    | 5 mm              | Square DIN right |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053956    | 5 mm              | Square DIN left  |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053964    | 25 mm             | Square DIN left  |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053963    | 20 mm             | Square DIN right |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053965    | 25 mm             | Square DIN right |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053961    | 15 mm             | Square DIN right |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053959    | 10 mm             | Square DIN right |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053962    | 20 mm             | Square DIN left  |
| Spindle cap floor spring * | With square for single-action doors, including clamping-extension bolt | 053958    | 10 mm             | Square DIN left  |
| Spindle cap floor spring   | With square for single-action doors, including clamping-extension bolt | 053955    | 0 mm              | Square DIN right |

### DOOR RAIL FOR SINGLE-ACTION DOORS

Model DB



| Designation                       | Description  | Ident-No. | Colour     | Pivot type |
|-----------------------------------|--|-----------|------------|------------|
| Door rail for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 037581    | Galvanised | Square     |
| Door rail for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 044579    | Galvanised | Flat cone  |

**DOOR RAIL FOR SINGLE-ACTION DOORS**

Model EK



| Designation                              | Description   | Ident-No. | Colour     | Pivot type |
|--|---|-----------|------------|------------|
| GEZE Door rail for single-action doors   | GEZE door rail and pivot hinge EK for single-action doors | 008269    | phosphated | Flat cone  |
| GEZE Door rail for single-action doors * | GEZE door rail and pivot hinge EK for single-action doors | 006696    | phosphated | Square     |

**DOOR RAIL FOR SINGLE-ACTION DOORS**

Model FK



| Designation                              | Description   | Ident-No. | Colour     | Pivot type |
|--|---|-----------|------------|------------|
| GEZE Door rail for single-action doors   | GEZE door rail and pivot hinge FK for single-action doors | 008270    | phosphated | Flat cone  |
| GEZE Door rail for single-action doors * | GEZE door rail and pivot hinge FK for single-action doors | 006699    | phosphated | Square     |

**PIVOT HINGE FOR SINGLE-ACTION DOORS**

Model DB



| Designation                         | Description  | Ident-No. | Colour     | Length of pivot pin | Combination |
|-------------------------------------|--|-----------|------------|---------------------|-------------|
| Pivot hinge for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 044787    | Galvanised | 45 mm               | C           |
| Pivot hinge for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 044680    | Galvanised | 45 mm               | B DIN right |
| Pivot hinge for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 044676    | Galvanised | 45 mm               | A           |
| Pivot hinge for single-action doors | Model DB, for rebated & flush-mounted metal and timber doors | 044697    | Galvanised | 45 mm               | B DIN left  |

**PIVOT HINGE FOR SINGLE-ACTION DOORS**

Model EK



| Designation                         | Description   | Ident-No. | Colour     | Length of pivot pin | Combination |
|-------------------------------------|---|-----------|------------|---------------------|-------------|
| Pivot hinge for single-action doors | GEZE door rail and pivot hinge EK for single-action doors | 006719    | phosphated | 49 mm               | A           |
| Pivot hinge for single-action doors | GEZE door rail and pivot hinge EK for single-action doors | 000890    | phosphated | 45 mm               | B DIN right |
| Pivot hinge for single-action doors | GEZE door rail and pivot hinge EK for single-action doors | 000889    | phosphated | 45 mm               | B DIN left  |
| Pivot hinge for single-action doors | GEZE door rail and pivot hinge EK for single-action doors | 000891    | phosphated | 41 mm               | C           |

**PIVOT HINGE FOR SINGLE-ACTION DOORS \***

Model FK



| Designation                           | Description   | Ident-No. | Colour     | Length of pivot pin | Combination |
|---------------------------------------|---|-----------|------------|---------------------|-------------|
| Pivot hinge for single-action doors   | GEZE door rail and pivot hinge FK for single-action doors | 000896    | phosphated | 45 mm               | B DIN right |
| Pivot hinge for single-action doors   | GEZE door rail and pivot hinge FK for single-action doors | 000897    | phosphated | 45 mm               | C           |
| Pivot hinge for single-action doors * | GEZE door rail and pivot hinge FK for single-action doors | 000895    | phosphated | 45 mm               | B DIN left  |
| Pivot hinge for single-action doors   | GEZE door rail and pivot hinge FK for single-action doors | 006724    | phosphated | 45 mm               | A           |

\* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.