

# Product data sheet

## TS 500 NV



Floor spring for single leaf single and double-action doors of up to 1100 mm leaf width with adjustable closing force EN 1-4 and with optional hold-open function

### AREAS OF APPLICATION

- Fire and smoke protection doors
- Right and left single- and double-action doors
- Single- and double-action doors up to 1100 mm leaf width and 150 kg weight
- Floor mounting, concealed

**PRODUCT FEATURES**

- Closing force EN1-4 with variable adjustment
- Can be used for right and left hand doors without conversion
- 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 500 NV                              |
| 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, Double-action door |
| Type of installation                                                    | Floor                                  |
| Opening angle (max.)                                                    | 170 °                                  |
| Closing force in accordance with EN 1154                                | EN 1 - 4                               |
| Leaf width (max.)                                                       | 1100 mm                                |
| Leaf weight (max.)                                                      | 150 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                     |
| Position of closing force adjustment                                    | Top                                    |
| Hold-open of fire protection doors                                      | No                                     |

# TS 500 NV



## PART

### FLOOR SPRING COVER PLATE

For TS 500 NV / TS 500 N EN3



| Designation                   | Description                  | Ident-No. | Colour          |
|-------------------------------|------------------------------|-----------|-----------------|
| Cover plate GEZE floor spring | For TS 500 NV / TS 500 N EN3 | 103012    | Brass           |
| Cover plate GEZE floor spring | For TS 500 NV / TS 500 N EN3 | 102127    | Stainless steel |

### CLOSER BODY TS 500 NV

Basic body for floor-mounted door closer EN 1-4



| Designation           | Description                                                                                               | Ident-No. | Closing force in accordance with EN 1154 | Dimensions       | Pivot type |
|-----------------------|-----------------------------------------------------------------------------------------------------------|-----------|------------------------------------------|------------------|------------|
| GEZE TS 500 NV Closer | Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories) | 104028    | EN 1 - 4                                 | 278 x 82 x 42 mm | Flat cone  |
| GEZE TS 500 NV Closer | Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories) | 104029    | EN 1 - 4                                 | 278 x 82 x 42 mm | Flat cone  |
| GEZE TS 500 NV Closer | Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories) | 103974    | EN 1 - 4                                 | 278 x 82 x 42 mm | Flat cone  |
| GEZE TS 500 NV Closer | Size EN 1-4, optionally with fixed mechanical holding open function (without cover plate and accessories) | 104030    | EN 1 - 4                                 | 278 x 82 x 42 mm | Flat cone  |

### CLOSER BODY TS 500 NV

Basic body for floor-mounted door closer EN 1-4



| Designation           | Description                                       | Ident-No. | Closing force in accordance with EN 1154 | Dimensions       | Pivot type |
|-----------------------|---------------------------------------------------|-----------|------------------------------------------|------------------|------------|
| GEZE TS 500 NV Closer | Size EN 1-4 (without cover plate and accessories) | 102084    | EN 1 - 4                                 | 278 x 82 x 42 mm | Flat cone  |

**ACCESSORIES****FLOOR SPRING COVER PLATE**

For TS 500 NV / TS 500 N EN3



| Designation                   | Description                  | Ident-No. | Colour          |
|-------------------------------|------------------------------|-----------|-----------------|
| Cover plate GEZE floor spring | For TS 500 NV / TS 500 N EN3 | 103012    | Brass           |
| Cover plate GEZE floor spring | For TS 500 NV / TS 500 N EN3 | 102127    | Stainless steel |