

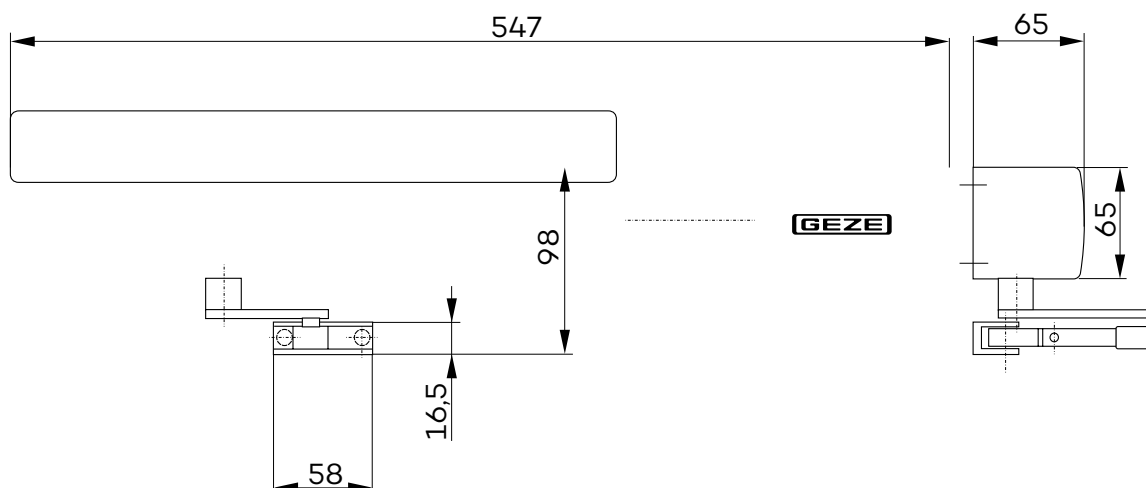
### GEZE 4000RFS DOOR CLOSERS

TS 4000 RFS overhead door closer for single-leaf doors features what is known as a “free swing” function. After the free swing function has been activated by opening the door once by an angle of approximately 90° (e.g in the morning), users can pass through the door in either direction without having to press very hard on the door at all. This function is particularly useful in retirement homes or hospitals, for example.

TS 4000 RFS features an infinitely variable electric hold-open in accordance with EN 1155 and a smoke switch control unit built into the closer cover. It is approved for use with left and right single-action doors with a door leaf width up to 1400 mm and for mounting on fire and smoke doors. The size 1-6 closing force to EN 1154, with optical size indicator, and the thermo-constant closing speed can be conveniently adjusted from the front; the latching action is adjusted by means of the link arm. The product has been granted official building approval of a general nature by the DIBT (German Institute for Building Technology) (EN 1155 and DIBT approval not applicable to transom mounting on the hinge side).

**Please note:** Due to the guideline of hold-open systems of the DIBT (German Institution for Construction Technology) a circuit breaker is imperatively stipulated when using a door closer with free swing function.

### GEZE TS 4000RFS



## GEZE TS 4000RFS

## Applications

- For single-action doors, leaf width up to 1400mm.
- Compatible with left-hand and right-hand doors without the need for conversion.
- For fire and smoke doors (door closers with mounting plate).
- Standard mounting involving transom mounting on opposite hinge side.
- Transom mounting on hinge side possible with free swing guide rail, closing force EN3, not approved for fire and smoke doors.

## Technical data

Product features	GEZE TS 4000 RFS KM BG closer
Closing force to EN 1154	1 - 6
Leaf width recommended up to	1400 mm
Identical version DIN-L and DIN-R	●
Supply voltage	230 V 50 Hz
Enclosure rating IP	I P 20
Product tested in acc. with	Door closer tested in acc. with EN 1154 Hold-open mechanism tested in acc. with EN 1155 Official building approval of a general nature from the DIBt (German Institute for Building Technology) for use as a hold-open system
Suitable for fire and smoke doors	●
Mounting plate with hole pattern acc. to EN 1154 Supplement 1	●
Length	547 mm
Installation depth	65 mm
Height	65 mm
<b>Functions</b>	
Adjustable closing force	● Infinitely variable
Adjustable closing speed	●
Adjustable latching action	● Via link arm
Integrated back check	○
Closing force adjustment position	Front
Optical closing force display	●
Safety valve featuring protection against vandalism	●
Thermo-constant valves	●
Integrated hold-open mechanism	Electric
Integrated smoke switch	●
With visual status display	●
With soiling indicator	●
With adaption of the alarm threshold	●
Integrated power supply unit	●
Freeswing range	80°-175°

● = yes

○ = no



## NOVAS DOOR CONTROLS

GEZE Hydraulic door closers are designed to suit various residential and commercial applications. By definition, door closers are used to close hinged leaf doors after they have been manually opened. The smooth closing operation is controlled by the adjustable hydraulic rack and pinion mechanism.

In choosing a closer style for a particular application consideration should be given to the type of door being controlled, frame condition, aesthetic and the control features required by the end user.

The size and weight of the door is the main consideration in selecting a closer of the correct strength. Recommended door widths for each closer assume normal operating conditions. If a door is of exceptional height, weight, special construction, or if air pressure differentials exist, a more powerful closer should be considered.

A door closer effectively increases the loading on door hinges and their rate of wear. It is recommended that any door fitted with a door closer should use three or more Novas Ball Bearing/Sintered Bearing Hinges.

It is essential that the door be clear in the door frame and when fitted with a lock the latch bolt must engage freely with the strike.

Floor or wall mounted doorstops should be fitted to prevent possible damage to the door frame and fitted hardware.

### Services

Novas offers a fully comprehensive (free of charge) specification/door scheduling service to meet project requirements. Door schedules are prepared by our scheduling team who are all design and/or industry trained professionals. Please contact your local Novas representative for assistance.

### Guarantee

Novas guarantee all their products against defects in workmanship and materials subject to inspection and confirmation of fair wear and tear within the normal working life of the product.

Novas assumes no liability for:

1. Improper installation or failure to follow fitting instructions.
2. Product failure due to improper maintenance or unfair wear and tear.
3. Indirect or consequential loss or damage.
4. Cost of removal and/or replacement.
5. Cost of freight and/or travelling expenses.
6. Some plated finishes are classified as soft finishes. Deterioration is possible under some climatic conditions and cannot be unconditionally guaranteed.

Contact your local Novas representative or agent for advice on all finishes.

