

SURFACE MOUNTED DOOR CLOSERS



A family of high quality surface mounted door closers from a leading German manufacturer. Conforming to EN1154 and CE to meet the highest demands of the current European and UK regulations. Tested to a minimum of 500,000 cycles and fire rated to EN1634. This closer range is designed to be fitted in Figure 1, Figure 61 or Figure 6 (66). Simple installation, easy adjustment and reliable continuous operation.

Manufactured from high grade alloy and assembled in accordance with ISO 9002. Unique curved front and clean lines designed to compliment any architectural specification. Snap on front cover plate. Variety of adapter plates and supplementary brackets available upon request to allow fitment to most doors and frames.

Supplied parts include:- Closer body, snap on cover plate, modular arm assembly, parallel arm bracket for Figure 6 (66) configuration, screw fixing kit, fixing template (Figure 1/61) and installation/adjustment instructions.

Special metallic and colour coated covers and arms available on request.

EN Size	EN Door leaf width	Closing moment at 2°
1*)	up to 750mm	9 Nm
2*)	from 750 to 850mm	13Nm
3	from 850 to 950mm	18Nm
4	from 950 to 1100mm	26Nm
5	from 1100 to 1250mm	37Nm
6	from 1250 to 1400mm	54Nm
7	from 1400 to 1600mm	87Nm

*) According to EN these sizes must not be used on fire doors

Fitting configurations explained

- Figure 1 - Closer body door mounted to pull side arm on frame
- Figure 61 - Closer body mounted to frame push side arm on door
- Figure 6 (66) - Parallel arm configuration. Closer body inverted mounted to push side on door with arm parallel to door attached to frame via parallel arm bracket

Specification - Model 1

Key Features

- Rack and pinion hydraulic door closer
- All adjustments from the front
- EN 1-6 (9Nm to 54Nm)
- Valve adjustable closing speed
- Valve adjustable backcheck
- Latching action adjustable via arm position
- Thermo-stable valves
- Visible strength indicator
- EN 7 (87Nm) model available on request
- Electro hold-open and Electro free-swing models to conform to Part M available on request

Specification - Model 2

Key Features

- Rack and pinion hydraulic door closer
- All adjustments from the front
- EN 2/4/5 (13/26/37Nm) via body position
- Valve adjustable closing speed
- Latching action adjustable via arm position
- Thermo-stable valves

Specification - Model 3

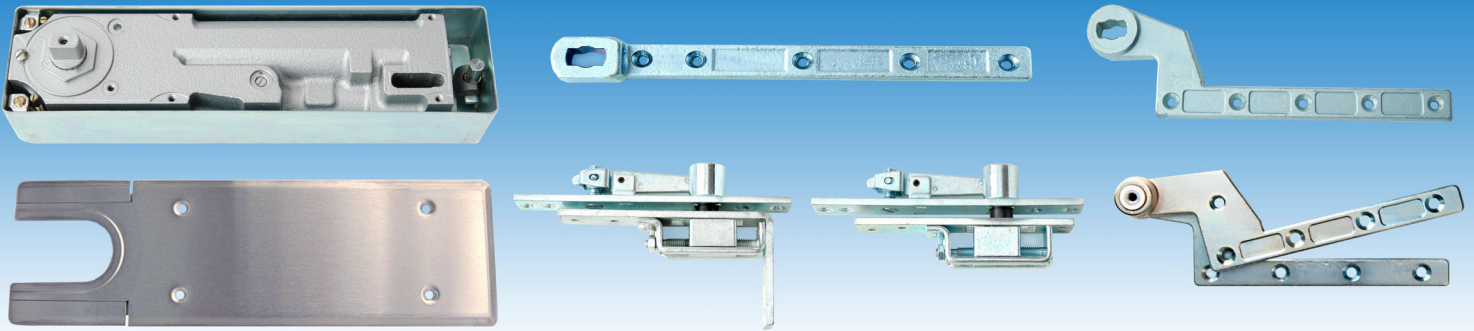
Key Features

- Rack and pinion hydraulic door closer
- EN 3/4 (18/26Nm) via body position
- Valve adjustable closing speed
- Valve adjustable latching action
- Thermo-stable valves

Colour Options

- Silver, Black, White (RAL colours on request)

FLOOR CLOSER SYSTEMS



High quality German made floor closer systems. Conforming to EN1154 and CE to meet the highest demands of the current European and UK regulations. Tested to a minimum of 500,000 cycles and fire rated to EN1634. The floor closer range is designed for simple installation, easy adjustment and reliable continuous operation.

Manufactured to the highest standard and assembled in accordance with ISO 9002.

Supplied kits include:-

- Kit 1 - Floor closer and cement box
- Kit 2 - Kit 1 + stainless steel cover plate
- Kit 3 - Kit 1 + Kit 2 + Double action top centre and bottom strap
- Kit 4 - Kit 1 + Kit 2 + Single action top centre and bottom strap (specify timber or metal doors when ordering)

- Optional accessories include:-
- Solid satin brass cover plate
 - Dark Bronze anodised cover plate
 - Cover plates for top centres and bottom straps
 - Sealing compound for wet areas
 - Extension spindles - 5mm to 50mm
 - Pivot lever and arm for arched doors
 - Cradles for raised flooring
 - Cover trays for marble/terrazzo flooring

EN Size	EN Door leaf width	Closing moment at 2°
1*)	up to 750mm	9 Nm
2*)	from 750 to 850mm	13Nm
3	from 850 to 950mm	18Nm
4	from 950 to 1100mm	26Nm
5	from 1100 to 1250mm	37Nm
6	from 1250 to 1400mm	54Nm
7	from 1400 to 1600mm	87Nm

*) According to EN these sizes must not be used on fire doors

Specification - Heavy Duty

Key Features

- Cam action hydraulic door closer
- Door leaf width up to 1250mm
- Door leaf weights up to 250kg
- Adjustable closing force EN 2-5 (13Nm to 37Nm)
- Valve adjustable closing speed
- Backcheck
- Thermo-stable valves
- Single or double action
- Electro hold-open models to conform to Part M available on request
- Mechanical hold-open versions (not for fire doors)
- Door leaf width up to 1250mm

Specification - Medium Duty

Key Features

- Cam action hydraulic door closer
- Door leaf width up to 1100mm
- Door leaf weights up to 100kg
- Fixed power size EN 4 (26Nm)
- Valve adjustable closing speed
- Backcheck
- Thermo-stable valves
- Single or double action
- Dimensions = 54H x 278L x 82W (mm)
- Mechanical hold-open versions (not for fire doors)