

# Overhead Door Closers TS 9205 Rack and Pinion with Flat Form Arm



## A Ts 9205 overhead rack and pinion door closer

### • Specification:

Surface mounted rack and pinion door closer with flat form arm (**must be ordered separately** - item **B**) for doors up to 1250 mm, with adjustable closing force, adjustable closing speed, adjustable backcheck, adjustable latching action and adjustable delayed action

### • Features:

- Rack and pinion motion
- Flat form arm
- Power adjustment (size range EN 2-5)
- Adjustable latching action
- Adjustable closing speed
- Adjustable back check
- Adjustable delayed action

### • Models:

Standard (Fig 1, Fig 61 and Fig 66)

### • Options:

Half radius cover (order separately - item **C**)

### • Certification:

Tested and approved to BS EN 1154 : 1997 + A1:2003

### • Material:

Aluminium body

- A door stop should always be used for non back checked doors, and where practical for back checked doors, and at least 66% of the door width away from the hinge

BS EN 1154



Fig 1/61 only. Digit 3 = 4, for Fig 66

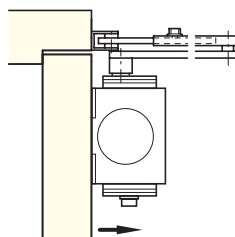


Fig 1 Standard application  
Closer is fixed to the pull side of the door

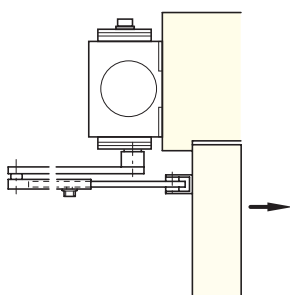
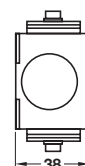
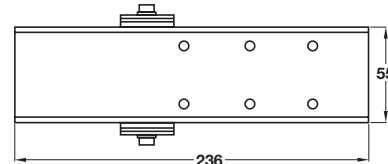


Fig 61 Transom application  
Closer is fixed to the push side of the door (overhead installation)



Note: Closer **A**, arm **B** and cover **C** must all be ordered separately



All certifiere information removed

### Closing force

Size	Max. door width	Min. closing moments
2	850 mm	13 Nm
3	950 mm	18 Nm
4	1100 mm	26 Nm
5	1250 mm	37 Nm

Cat. No. 931.82.910

Order qty: 1 pc

## B Flat form arm

- For use with door closer **A**
- Eared and parallel arm brackets included
- Steel
- Also available:** Black and RAL colours, satin and polished stainless steel - available to order, subject to quantity

Finish	Cat. No.
Silver	931.82.649
Satin nickel	931.82.646
Polished nickel	931.82.647
Electro brass	931.82.648

Order qty: 1 pc

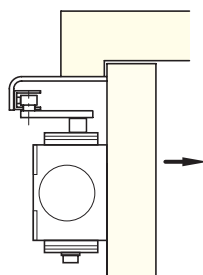


Fig 66 Parallel arm application  
Closer is fixed to the push side of the door using fixing bracket



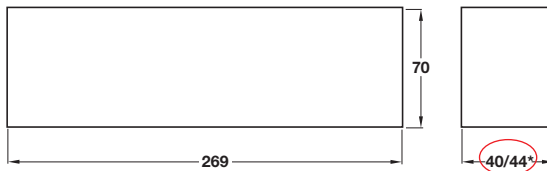
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## C Half radius cover

- For use with door closer **A**
- Steel or aluminium
- Also available:** Black and RAL colours, satin and polished stainless steel, full radius and square cover, (not all finishes) - available to order, subject to quantity

Finish	Cat. No.
Silver	931.82.929
Satin nickel	931.82.926
Polished nickel	931.82.927
Electro brass	931.82.928
Polished aluminium	931.82.921*

Order qty: 1 pc



Item C.  
Catalogue shows 40 mm  
Correct dimension is  
either 40/44\* mm

## D TS 9205 Door closer sets

- Set consists of:
  - 1x Closer body **A**
  - 1x Flat form arm **B**
  - 1x Half radius cover **C**

Finish	Cat. No.
Silver	931.82.699
Satin nickel	931.82.696
Polished nickel	931.82.697

Order qty: 1 set

12.02.15/3