

# Overhead Door Closers TS 9204 Rack and Pinion with Flat Form Arm

BS EN 1154



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



## A TS 9204 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 1100 mm, with adjustable closing force, adjustable closing speed, adjustable backcheck and adjustable latching action

**Catalogue shows 1250 mm  
Correct dimension is 1100 mm**

### Features:

- Rack and pinion motion
- Flat form arm
- Power adjustment (size range EN 2-4)
- Adjustable latching action
- Adjustable closing speed
- Adjustable check back

### Models:

Standard (Fig 1, Fig 61 and Fig 66).

### Options:

Half radius cover (order separately - see 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



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

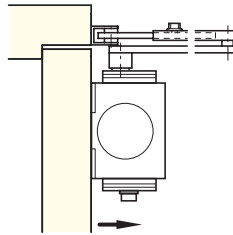


Fig 1 Standard application  
Closer is fixed to the pull side of the door

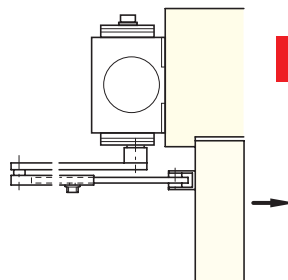
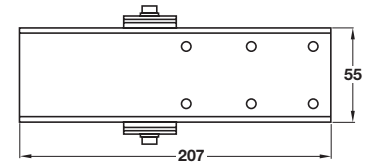
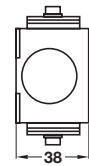


Fig 61 Transom application  
Closer is fixed to the push side of the door (overhead installation)

**Text removed - Does NOT have adjustable delayed action**

**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

Cat. No.	931.82.911
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Order qty: 1 pc

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## B Flat form arm

- For use with door closer A
- Eared and parallel arm brackets included applications
- 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

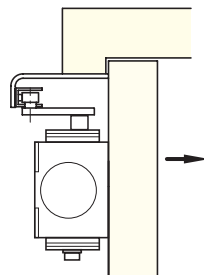


Fig 66 Parallel arm application  
Closer is fixed to the push side of the door using fixing bracket

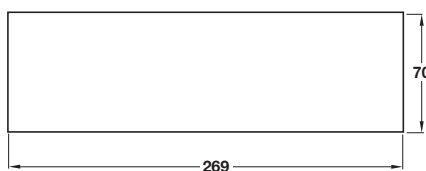


## C Half radius cover

- 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 or 44\* mm



## D TS 9204 Door closer sets

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

Finish	Cat. No.
Silver	931.82.689
Satin nickel	931.82.686
Polished nickel	931.82.687

Order qty: 1 set