



Door Closer

DORMA TS 73 V

New

- ideal dimensions
- optimised features

Easy to fix, and even easier to adjust

**Outstanding versatility.
Quality assured.**

Tested to EN 1154.

The classic DORMA TS 73 range has matured into the world's most specified hydraulic door closer for all types of interior doors. Its pedigree has been proven by the countless imitations that have appeared over the years.

With the introduction of the TS 73 V, now more than ever, this technically superior closer has more features and has become simpler to specify and install.

The spring strength of the closer can now be easily and steplessly adjusted by means of an allen key, ensuring optimum performance in every situation.

Certified to ISO 9001.

Plus point ...

... for the trade

- One closer covers the application and spring strength requirements of most standard interior doors (parallel arm bracket included with closer).
- Non-standard door and frame details are no problem with our wide range of fixing brackets and accessories.
- Stockholding requirements are reduced to a minimum without affecting service levels.

... for the specifier/architect

- Compact dimensions in a classic shape.
- Versatile in application, with a wide range of finishes.
- Designed to cope with most door and frame details, and backed by a wide range of accessories.

... for the installer

- Quick and easy to fix – completely straightforward.
- Closing speed, latching speed and spring strength all simply adjusted with common handtools.
- Each boxed unit comes complete with fixings for timber and a parallel arm conversion bracket.

... for the user

- Peace of mind – a closer that works well and goes on working year after year.
- High mechanical efficiency, low sensitivity to temperature change, wide opening angle, pressure relief valve to protect hydraulics from abuse.
- Optimum wall and door protection thanks to "thinking" backcheck.

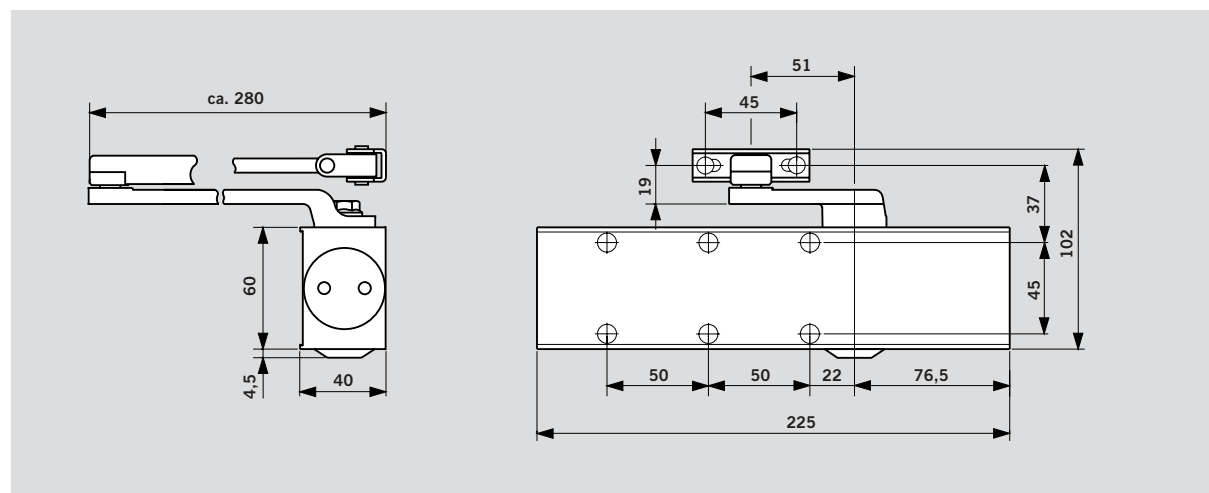
Data and features		TS 73 V
Closing force adjustable	Size	EN 2-4
Standard doors ¹⁾	≤ 1100 mm	●
External doors, opening outwards ¹⁾		–
Fire and smoke check doors ¹⁾	≤ 1100 mm	●
Non-handed		●
Arm	Standard	●
Closing force adjustable by means of setting screw		●
Closing speed adjustable at 2 separate valves	180° - 15° 15° - 0°	● ●
Backcheck	self-regulating adjustable at valve	● ●
Adjustable latching action	by arm	●
Delayed action		–
Hold-open		○
Weight in kg		1.8
Dimensions in mm	Length Depth Height	225 40 60
Door closer tested to EN 1154		●
CE mark for construction products		●

● Yes – No ○ Option

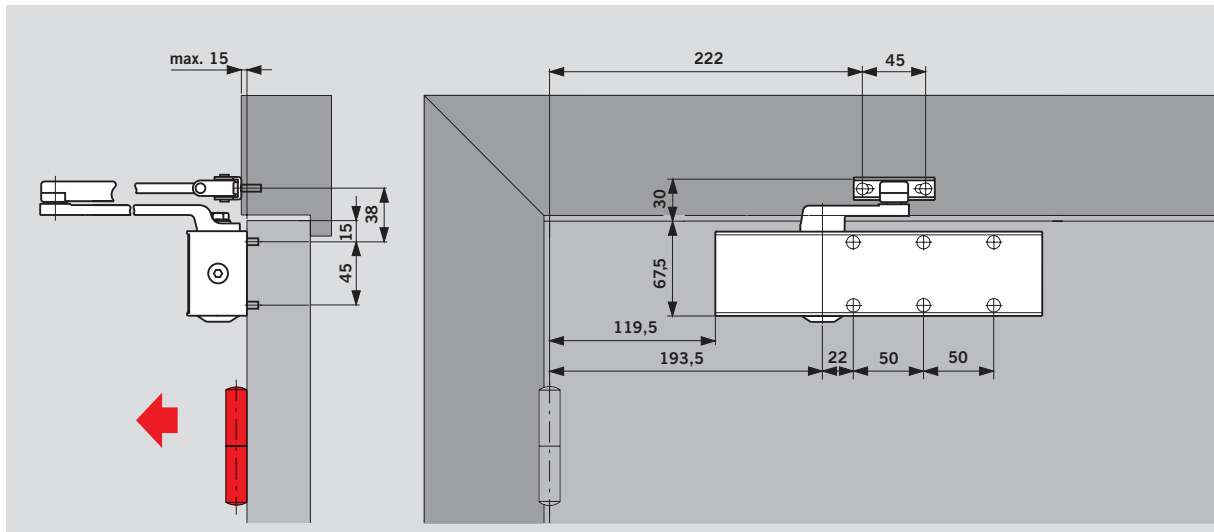
¹⁾ For high and heavy doors, external doors, and for doors required to close against high wind pressure, we recommend DORMA TS 83.



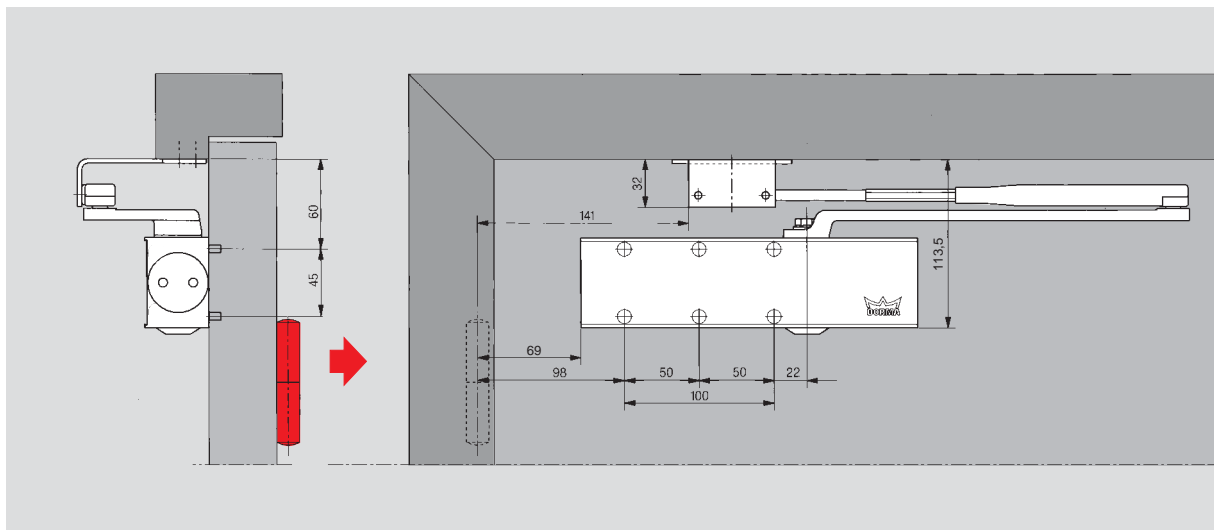
**The TS 73 V complies with the requirements and/or recommendations of the following: CERTIFIRE approved for fire doors
ITT 120; Ref. CF 117**



Applications and fixing on the pull side Door leaf fixing (standard installation)



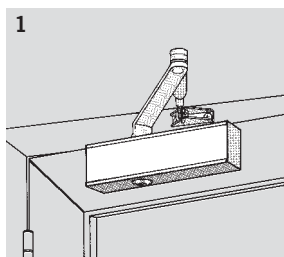
Applications and fixing on the push side Door leaf fixing (parallel arm installation)



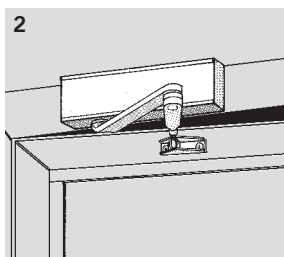
Installation for the opposite hand is a mirror image of the illustrations.

Technical details

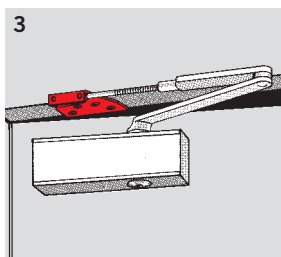
installation	interior door widths up to	closer size
standard/frame	1100 mm	2 – 4
parallel arm	950 mm	2 – 3



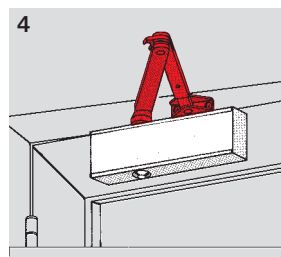
Standard installation



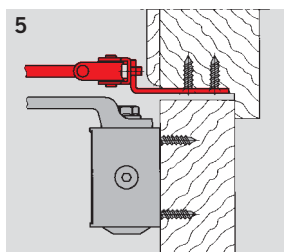
Frame installation



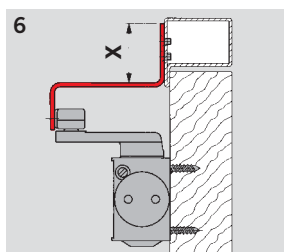
Parallel arm installation
(The above bracket is now supplied with every TS 73 standard closer.)



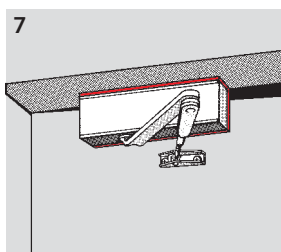
Hold-open arm installation
Adjustable for hold-open up to 150°.



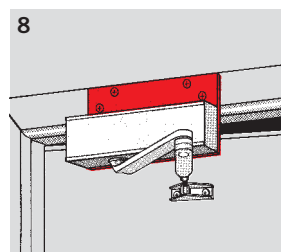
Soffit bracket and arm for standard installation with shaped architrave



Parallel arm bracket with upstand
(X = upstand 35 or 60 mm)



Angle bracket installation
Frame installation for outward opening doors with extra deep reveals.




Drop plate installation
For installation on frame (or door) when direct fixing of closer is not possible.

Specification text

DORMA TS 73 V rack and pinion door closer; with adjustable power size EN 2 – 4, according to EN 1154, carries the CE mark, integral self-regulating backcheck; closing speed adjustable in two independent ranges and adjustable latch action. Non-handed.

Accessories _____

Colour
 Silver
 White (sim. RAL 9016)
 Special _____ (sim. RAL ____)

Make: DORMA TS 73 V
 TS73V

Features and optional functions

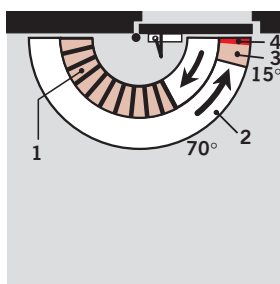
With “thinking” backcheck (BC/ÖD)

Thanks to an innovative design concept, the resistance developed by this backcheck system as the door is opened beyond approx. 70° is directly proportional to door acceleration.

It is almost imperceptible when the door is opened slowly. However, if the door is opened hastily, the backcheck responds in equal measure.

And if the door should be flung open at speed – whether deliberately, thoughtlessly, accidentally or as a result of a gust of wind – the backcheck reacts at full strength, protecting the wall and door from damage.

If no backcheck function is required, the system can simply be switched off.

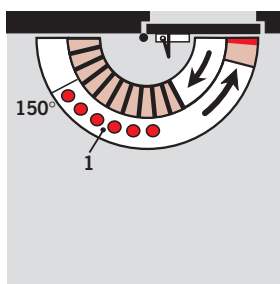


- 1 Self-regulating backcheck
- 2 Infinitely variable closing speed in the range 180° – 15°
- 3 Infinitely variable closing speed in the range 15° – 0°
- 4 Adjustable latch range (by arm)

With hold-open arm

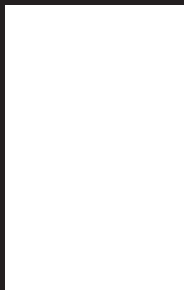
Combining the TS 73 V with a hold-open arm enables the door to be held open at an appropriate angle (up to approx. 150°).

Hold-open arm with switch: The hold-open function can be switched on and off by the user by simply pressing a switch.



- 1 Hold-open range

Hold-open arms are not permitted on fire doors



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Movable Walls

Door Control Division worldwide

Central Europe

DORMA GmbH + Co. KG
Breckerfelder Str. 42-48
D-58256 Ennepetal
Tel. +49 23 33/7 93-0
Fax +49 23 33/7 93-495

Australia

DORMA Door Controls Pty. Ltd.
52 Abbott Road
Hallam/Victoria 3803
Australia
Tel. +61 3/97 96 35 55
Fax +61 3/97 96 39 55

China

DORMA Door Controls (Suzhou)
Co. Ltd.
No. 9, Hong Feng Road
Suzhou Singapore Industrial Park
Suzhou, 215021
P. R. of China
Tel. +86 512/67612481
Fax +86 512/67614582

DORMA Door Controls Pte. Ltd.
Room 701, Technology Plaza
651 King's Road
North Point
Hong Kong
Tel. +825/250 34632
Fax +825/288 75370

Emerging Markets

DORMA GmbH + Co. KG
Breckerfelder Str. 42-48
D-58256 Ennepetal
Tel. +49 23 33/7 93-0
Fax +49 23 33/7 93-495

DORMA Door Controls (Pty.) Ltd.
Kings Court, 4A Mineral Crescent
ZA-2000 Crown/Gauteng
South Africa
Tel. +27 11/8 30 02 80
Fax +27 11/8 30 02 91

Far East

DORMA Far East Pte. Ltd.
No. 31 Gul Lane,
Singapore 629425
Tel. +65 62 68/76 33
Fax +65 62 65/79 14

France

DORMA France S.A.S.
Europarc
42, rue Eugène Dupuis
F-94046 Créteil
Tel. +33 1/41 94 24 00
Fax +33 1/41 94 24 01

Gulf

DORMA Gulf Door Controls FZE
Jebel Ali Free Zone,
Roundabout 8,
Unit VC 02
Dubai, United Arab Emirates
Tel. +971 48/83 90 14
Fax +971 48/83 90 15

North America

DORMA Architectural Hardware
DORMA Drive, Drawer AC
Reamstown, PA 17567
Tel. +1-800-523-8483
Fax +1-800-274-9724

Scanbalt

DORMA Danmark A/S
Sindalvej 6 - 8
DK-2610 Rødovre
Tel. +45 44/54 30 00
Fax +45 44/54 30 01

South America

DORMA Sistemas de Controles
para Portas Ltda.
Av. Piracema, 1400
Centro Empresarial Tambore
CEP 06400 Barueri/
São Paulo, Brasil
Tel. +55 11/41 91 32 44
Fax +55 11/41 91 21 93

South-East Europe

DORMA AUSTRIA GmbH
Pebering Strass 22
A-5301 Eugendorf
Tel. +43 62 25/2 84 88
Fax +43 62 25/2 84 91

South Europe

DORMA Italiana S.r.l.
Via. A. Canova 44/46
I-20035 Lissone (MI)
Tel. +39 039/24 40 31
Fax +39 039/24 40 33 10
DORMA Ibérica, S.A.
Camino San Martin de la Vega, 4
E-28500 Arganda del Rey
(Madrid)
Tel. +34 91/8 75 78 50
Fax +34 91/8 75 78 81

UK/Ireland

DORMA UK Ltd.
Door Controls Division
Wilbury Way
Hitchin
Hertfordshire SG4 0AB
Tel. +44 14 62/47 76 00
Fax +44 14 62/47 76 01

