



Door Closer

DORMA TS72 VBC

The ideal solution for doors up to 1100mm wide – tested and approved to EN 1154

The DORMA TS72 VBC is the ideal multi-purpose door closer for all standard door designs and constructions. Without a backplate, it is particularly easy and quick to fix. The spring strength can be individually adapted to the door size by means of an

allen key ensuring optimum performance in every situation.



Benefits

For the trade

- Just one model for all standard doors.
- Increased stocking flexibility thanks to use of the standard ClassicLine series arm.

For the installer/fabricator

- Non-handed design.
- Closing force, closing speed and latching action adjustable in just a few movements.

For the architect/specifier

- Outstanding value for money.
- Compact construction combined with timeless design.

For the user

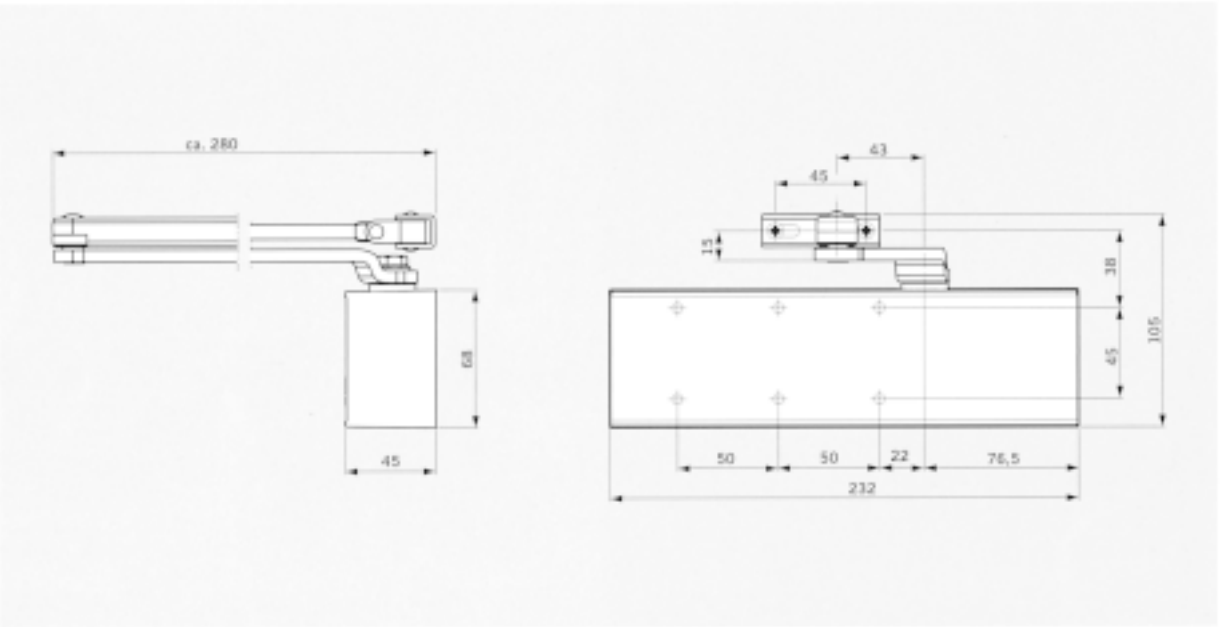
- Constant closing action virtually unaffected by temperature fluctuations.
- Optimum closing speed adjustment with two regulating valves.
- Reliable closing with adjustable latching action.
- Optimum wall and door protection thanks to “thinking” backcheck.

Data and features		TS72 VBC
Spring strength adjustable	Size	EN 2-4
Standard doors	<1100mm ¹⁾	•
External doors, outward opening		–
Fire doors		•
Non-handed		•
Arm type	Standard	•
	Slide channel	–
Closing speed adjustable at 2 separate valves	180° - 15° 15° - 0°	•
Latching action adjustable (by arm)		•
Backcheck		•
Delayed action		–
Hold-open		◦
Weight in kg		1.2
Dimensions in mm	Length	232
	Overall depth	45
	Height	68
Door closer tested and approved to EN1154		•

- Yes – No ◦ Option
- 1) With parallel-arm fixing, the closing force is approx. 20Nm (for doors up to 950mm)

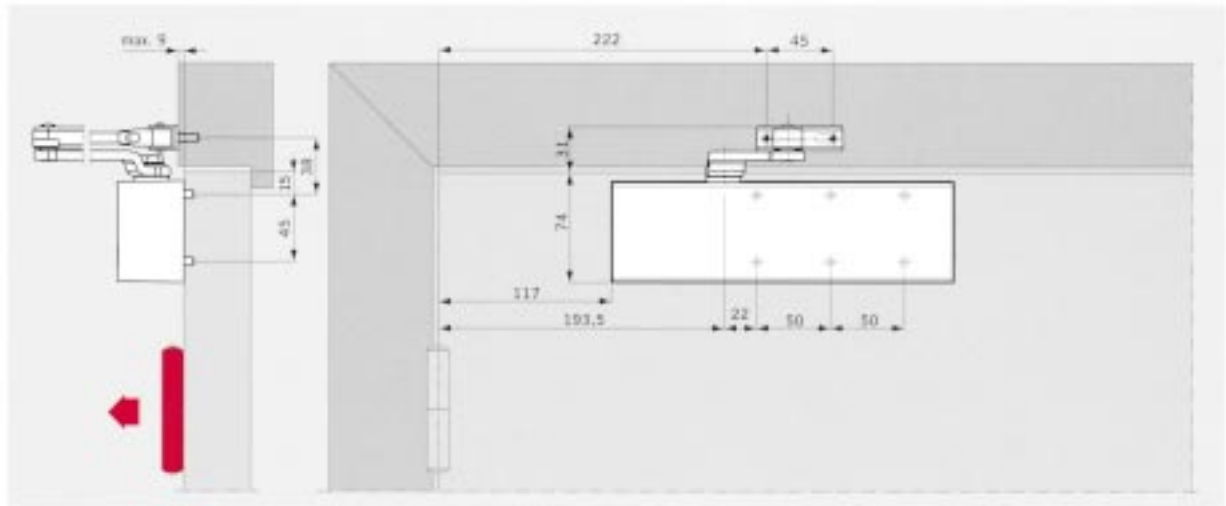
F Approval Certification

The DORMA TS72 VBC is CERTIFIRE approved (Certificate No. CF 268) for door types ITT 120 MM/IMM 240



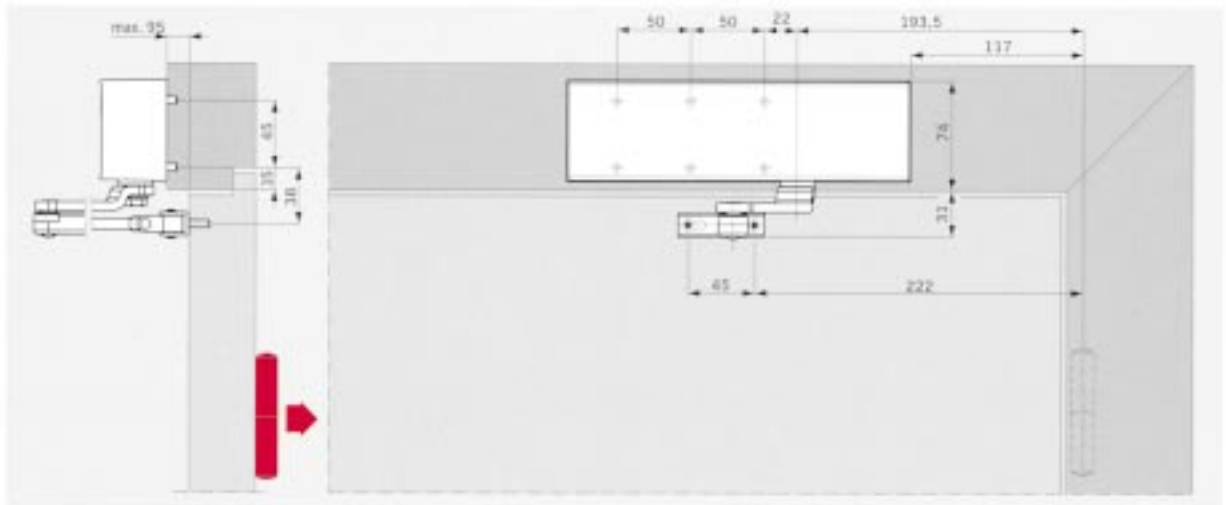
Door leaf fixing, pull side

(Example refers to left-hand [ISO 6] door; mirror image applies to right-hand [ISO 5] door)



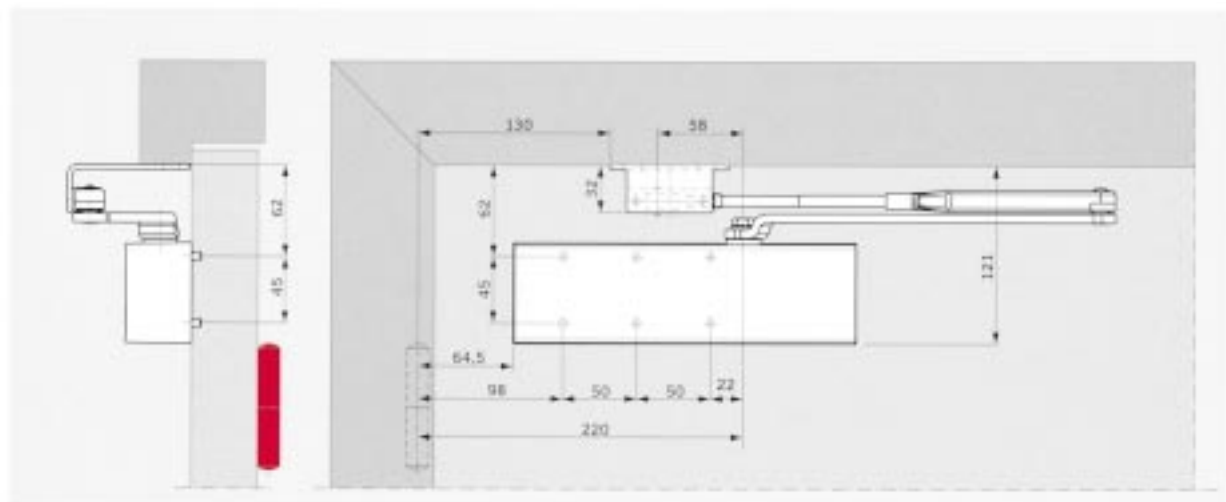
Transom fixing (overhead frame installation), push side

(Example refers to left-hand [ISO 6] door; mirror image applies to right-hand [ISO 5] door)



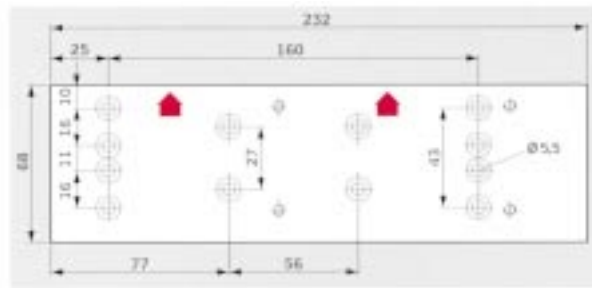
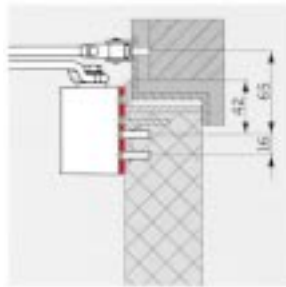
Parallel-arm fixing, push side

(Example refers to left-hand [ISO 6] door; mirror image applies to right-hand [ISO 5] door) Parallel-arm bracket (accessory) necessary

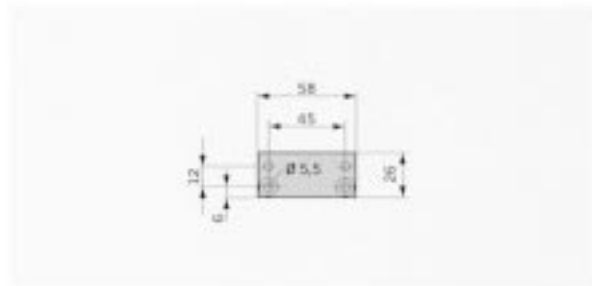
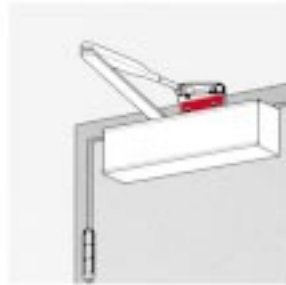


With this fixing method, the closing force is approx. 20 Nm (for doors up to 950mm)

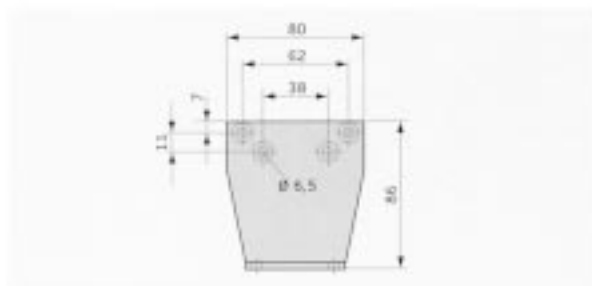
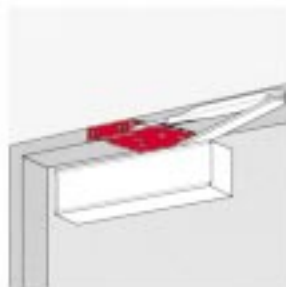
For fixing to doors on which the closer cannot be directly installed. Drilled hole pattern as per EN 1154, Supplement 1.



For fixing the arm to particularly narrow door frames.



For the parallel-arm configuration.



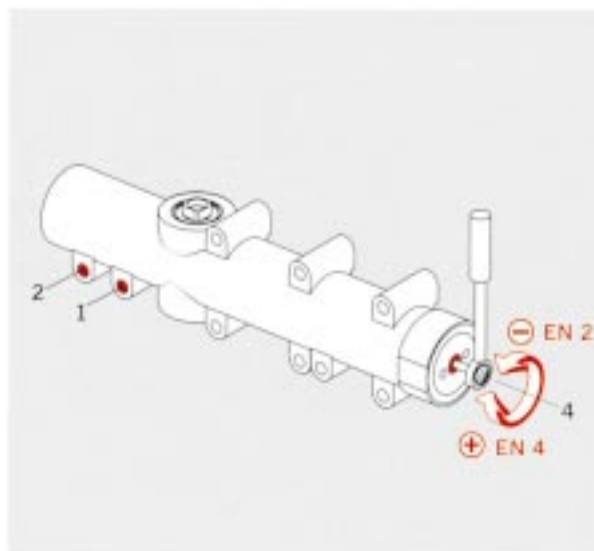
Standard and optional functions

The **closing speed** of the DORMA TS72 VBC is variable in two independent ranges by separate valves.

In addition, the **latching action** can be adjusted at the closer arm.

The **closing force (size setting)** for the door width concerned is variable at the adjustment screw located at the end face of the TS72 VBC closer body.

Door width	Setting
≤ 850	EN 2
≤ 950	EN 3
≤ 1100	EN 4

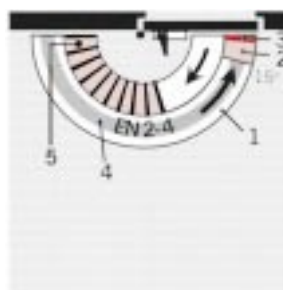


With “thinking” backcheck –

Thanks to an innovative design concept, the resistance developed by this backcheck system is directly proportional to door acceleration as the door is opened beyond approx. 70°. It is almost imperceptible when the door is opened slowly. However, if the door is opened roughly, 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 backcheck function is required, the system can simply be switched on.

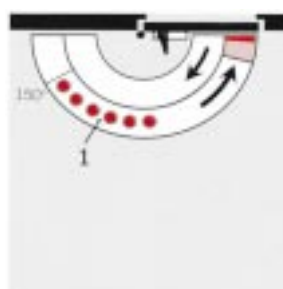


- 1 Closing speed adjustable in the range 180° – 15°.
- 2 Closing speed adjustable in the range 15° – 0°.
- 3 Latching action (variable at arm).
- 4 Adjustable closing force.
- 5 Self-adjusting backcheck.










If the DORMA TS72 VBC is installed with a **hold-open arm**, the doors can be held open at any desired point (up to approx. 150°).

Hold-open arms are not approved for Fire Doors.



- 1 Hold-open range



Standard equipment and accessories					
Closer body TS72 VBC	Standard arm	Parallel-arm bracket	Hold-open arm	Mounting backplate	Hinge plate
					
			220025xx	220021xx	830014xx
Size EN 2 – 4 (PA Size 3)	 222324xx		#	#	#

Order-No.:

- ☒ ☐ = Closer body with
 arm and fixing bracket
 for parallel-arm assembly
 # = Accessory

Colour xx

Silver

Gold

Colour Coated

Polished Stainless Steel

Satin Stainless Steel

Polished Brass

Specification text

Rack-and-pinion door closer
 with adjustable closing
 force, size EN 2 – 4, closing
 speed adjustable in two
 independent ranges, with
 adjustable latching action
 and “thinking” backcheck.
 Non-handed.
 Tested and approved to
 EN 1154.
 Certifire Approved
 CF268.

Model

- ☐ With standard arm and
 fixing bracket for
 parallel-arm assembly

Accessories

- ☐ Hold-open arm
☐ Mounting backplate
☐ Upstand hinge plate

Colour

- ☐ Silver
☐ Gold
☐ Colour Coated
☐ Polished Stainless Steel
☐ Satin Stainless Steel
☐ Polished Brass

Make DORMA TS72 VBC

DORMA UK Limited

Wilbury Way
 Hitchin
 Hertfordshire
 SG4 0AB
 Tel: 01462 477600
 Fax: 01462 477601
 E-mail:
 harware@dorma-uk.co.uk

DORMA Ireland Limited

Sandyford Office Park
 Foxrock
 Dublin 18
 Tel: 01 295 8280
 Fax: 01 295 8284
 E-mail:
 dormadublin@dorma.com