

HARDWARE PERFORMANCE SHEET

GEZE TS 3000



Hardware Performance Sheet (HPS)

according to DIN EN 16035:2013-03 "Identification and summary of test evidence to facilitate the interchangeability of building hardware for application to fire resisting and/or smoke control doorsets and/or openable windows."



Product reference: **GEZE TS 3000**
(TS 3000 V / V BC, TS 3000 EC / EC BC, TS 3000 EN 3)

Manufacturer: GEZE GmbH, Leonberg, Germany

Type of building hardware: Door closer with controlled closing procedure for use on fire and/or smoke protection doors or on emergency exits

Relevant standard: EN 1154:1996/A1:2002/AC:2006

Coding system and classification EN 1154:	1	2	3	4	5	6
	4	8	1-4 / 2-3 / 3	1	1	4

Product main dimensions: 226 x 60 x 47

Remarks:

Test report	Year	Steel doorset EN 15269-2	Timber doorset EN 15269-3	Steel framed doorset EN 15269-5	Alu framed doorset EN 15269-5	Single leaf doorset	Double leaf doorset	EN 1634-1	EN 1634-2	EN 1634-3	EN 1191	Mounting of hardware ¹	Fire side ²	Duration of fire testing [min]
20-001952-PR01	2020	x				x		x				C	O	68

¹ C = closing side; O = opening side; M = mortice

² C = closing side; O = opening side

Test report number:	20-001952-PR01	
Test report issue date:	08.06.2020	
Test method:	EN 1634-1:2014	
Test report issued by / certification body:	ift Rosenheim GmbH, Theodor-Gietl-Straße 7-9, 83026 Rosenheim, Germany	
Material of doorset	Steel door leaf	
Material of door frame:	Steel frame	
Setup of door set:	Hinged, single leaf fire resistant and smoke control door	
Door thickness:	65 mm	
Dimension of primary leaf:	1245 x 2506 mm	
Mass of primary leaf:	91,5 kg	
Dimension of secondary leaf:	-	
Mass of secondary leaf:	-	
Test setup:	Fire exposure on hinge side (opening side)	
Hardware product variant:	TS 3000 V	
Mounting position of hardware product:	Mounting position on opposite hinge side (closing side)	
Classification according to test method:	Fire integrity E	67 min
	Fire insulation I ₁	30 min
	Fire insulation I ₂	46 min
	Heat radiation W	-
	Duration of testing	68 min

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For liveable buildings

GEZE stands for innovation, high quality and comprehensive support of building technologies. From the initial idea, planning and operational implementation with standard products to customised system solutions and individual service and maintenance plans. We offer an extensive product range of door, window and safety technology products and are a major driving force behind the digital networking of building automation.

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GEZE GmbH

Reinhold-Vöster-Strasse 21 – 29
71229 Leonberg
Germany
www.geze.com

Telephone: +49 7152 203 0
Fax: +49 7152 203 310
Email: info.de@geze.com