

## HARDWARE PERFORMANCE SHEET

# GEZE Slimdrive EMD-F



# 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:	<b>GEZE Slimdrive EMD-F / EMD-F/R / EMD-F-IS / EMD-F/R-IS</b>					
Manufacturer:	GEZE GmbH, Leonberg, Germany					
Type of building hardware:	Power operated pedestrian swing door drive with self-closing function					
Relevant standard:	EN 1158:1997/A1:2002/AC:2006, EN 16005:2013-01/AC:2015-10, DIN 18263-4:2015-04					
Coding system and classification EN 1158:	1 3	2 8	3 4-6	4 1	5 1	6 3
Classification EN 16005:	Low energy / full energy / optional usage of safety sensors					
Classification DIN 18263-4:	EN 4-5 guide rail / EN 4-6 link arm					
Product main dimensions:	70 mm x 122 mm x 650 mm					
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 <sup>1</sup>	Fire side <sup>2</sup>	Duration of fire testing [min]
903 7626 000	2020	x				x		x				O	O	91
DMT-DO-50-839-R1	2020	x				x		x				O	O	103

<sup>1</sup> C = closing side; O = opening side; M = mortice

<sup>2</sup> C = closing side; O = opening side

Test report number:	<b>903 7626 000</b>	
Test report issue date:	<b>31.01.2020</b>	
Test method:	<b>EN 1634-1:2014+A1:2018</b>	
Test report issued by / certification body:	<b>MPA Universität Stuttgart, Postfach 801140, 70511 Stuttgart, Germany</b>	
Material of doorset:	<b>Steel door leaf</b>	
Material of door frame:	<b>Steel frame</b>	
Setup of door set:	<b>Hinged, single leaf fire resistant and smoke control door set</b>	
Door thickness:	<b>64 mm</b>	
Dimension of primary leaf:	<b>1137 x 2245 mm</b>	
Mass of primary leaf:	<b>117,5 kg</b>	
Dimension of secondary leaf:	<b>-</b>	
Mass of secondary leaf:	<b>-</b>	
Test setup:	<b>Fire exposure on hinge side (opening side)</b>	
Hardware product variant:	<b>Slimdrive EMD-F</b>	
Mounting position of hardware product:	<b>Transom mounting position on hinge side (opening side)</b>	
Classification according to test method:	Fire integrity E	<b>78 min</b>
	Fire insulation I <sub>1</sub>	<b>-</b>
	Fire insulation I <sub>2</sub>	<b>70 min</b>
	Radiation W	<b>-</b>
	Duration of testing	<b>91 min</b>

Test report number:	<b>DMT-DO-50-839-R1</b>	
Test report issue date:	<b>10.09.2020</b>	
Test method:	<b>EN 1634-1:2014+A1:2018</b>	
Test report issued by / certification body:	<b>DMT GmbH &amp; Co. KG, Tremoniastraße 13, 44137 Dortmund, Germany</b>	
Material of doorset:	<b>Steel door leaf</b>	
Material of door frame:	<b>Steel frame</b>	
Setup of door set:	<b>Hinged, single leaf fire resistant and smoke control door set</b>	
Door thickness:	<b>64 mm</b>	
Dimension of primary leaf:	<b>1466 x 1975 mm</b>	
Mass of primary leaf:	<b>165,1 kg</b>	
Dimension of secondary leaf:	<b>-</b>	
Mass of secondary leaf:	<b>-</b>	
Test setup:	<b>Fire exposure on hinge side (opening side)</b>	
Hardware product variant:	<b>Slimdrive EMD-F</b>	
Mounting position of hardware product:	<b>Transom mounting position on hinge side (opening side)</b>	
Classification according to test method:	Fire integrity E	<b>103 min</b>
	Fire insulation I <sub>1</sub>	<b>37 min</b>
	Fire insulation I <sub>2</sub>	<b>103 min</b>
	Radiation W	<b>103 min</b>
	Duration of testing	<b>103 min</b>

## **We are GEZE.**

### **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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