

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:	GEZE Slimdrive EMD-F / EMD-F/R / EMD-F-IS / EMD-F/R-IS					
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 ¹	Fire side ²	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

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

² C = closing side; O = opening side

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

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