#### Certificate No.: 0757-CPR-229EG-7051574-3-8

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

#### **Door hinges**

40H, 40T, 45H, 45L Product description/ specification According to configuration in annex 1 Levels and classes of According to configuration in annex 1 performance Intended for use on doors in escape routes with and without Intended use(s) requirements for fire resistance and smoke control placed on the market SFS Group Italy S.r.I. unipersonale under the name or trade Via Castelfranco Veneto, 71, IT-33170 Pordenone mark of and produced in the SFS Group Italy S.r.I. unipersonale manufacturing plant(s) Via Castelfranco Veneto, 71, IT-33170 Pordenone Notified body No.

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard(s)

#### EN 1935 : 2002

0757

EC-Reference-No.

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the **constancy of performance of the construction product.** 

This certificate was first issued on 22.01.2014 and will remain valid until 20.04.2026, as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.

The use of this certificate and the marking of the products are bound by an existing certification and surveillance contract with the **ift** Rosenheim no. 229EG 7051574.

ift Rosenheim Christian Kehrer Notifizierte Prüf-, Überwachungs- und Head of notified product certification body Zertifizierungsstelle ift Rosenheim 21.04.2023 FG POL PÜZ

ift Rosenheim GmbH

Theodor-Gietl-Str. 7-9 D-83026 Rosenheim Contact Phone: +49 8031 261-0 Fax: +49 8031 261-290 www.ift-rosenheim.de Testing and Calibration – EN ISO/IEC 17025 Inspection – EN ISO/IEC 17020 Product Certification – EN ISO/IEC 17065 Certification of Management Systems – EN ISO/IEC 17021







Basis:

EN 1935-2002-02/AC:2003-12







www.ec.europa.eu

**Identity check** 



www.ift-rosenheim.de/ ift-zertifiziert ID: 3AF-3FFD2

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### Certificate No.: 0757-CPR-229EG-7051574-3-8

#### **Compilation of hinges**

No. 1:								
Product designation:	40H-16-00-21							
Hinge type: 3	3-part steel door hinge							
Material: 0	QSt 32-3 (frame and leaf element)							
Bearing Technology: r	maintenance-free slide bearing technology							
. e.e.e	drilled into frame drilled into sash							
Test report: 2	20-001412-PR01 of 10.08.2020							
Classification:	3	7	4	0	1	*)	0	11

Intended use:

Intended use:

Intended for use on doors in escape routes

Intended for use on doors in escape routes

No. 2:								
Product designation:	40H-16-00-22							
Hinge type:	3-part steel door hinge							
Material:	QSt 32	-3 (fra	me an	d leaf e	elemer	nt)		
Bearing Technology:	maintenance-free slide bearing technology							
Fastening:	drilled into frame drilled into sash							
Test report:	20-001412-PR01 of 10.08.2020							
Classification:	3	7	4	0	1	*)	0	11

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No. 3:									
Product designation:	40H-16	6-00-63	3						
Hinge type:	3-part steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	mainte	nance-	free sl	ide be	aring to	echnol	ogy		
Fastening:	drilled i	nto fra	me						
	drilled i								
Test report:	20-001412-PR01 of 10.08.2020								
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	ise on	doors	in esc	ape ro	utes		
No. 4:									
Product designation:	40H-16	6-00-73	3						
Hinge type:	3-part s	steel de	oor hin	ige					
Material:	QSt 32	-3 (frar	me and	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance-	free sl	ide be	aring t	echnol	ogy		
Fastening:	drilled i		-						
	drilled i								
Test report:	205 30	259 of	25.08	.2005			1		-
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	ise on	doors	in esc	ape ro	utes		
No. 5:									
Product designation:	40H-16	6-00-74	Ļ						
Hinge type:	3-part s	steel d	oor hin	ige					
Material:	QSt 32	-3 (frar	me and	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance-	free sl	ide be	aring t	echnol	ogy		
Fastening:	drilled i	nto fra	me (vi	a hinge	e moui	nt INC	ANTO)	)	drilled into sash
Test report:	205 30	259 of	25.08	.2005					
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	ise on	doors	in esc	ape ro	utes		

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<b>No. 6:</b> Product designation:	40H-16	6-00-86	6						
Hinge type:	3-part steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	mainte	nance	-free sl	ide be	aring t	echnol	logy		
Fastening:	drilled	into fra	ime		-				
	drilled	into sa	sh						
Test report:	20-001	412-P	R01 of	10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for ເ	use on	doors	in esc	ape ro	utes		
No. 7:									
Product designation:	40T-16-00-05								
Hinge type:	3-part steel door hinge								
Material:	QSt 32	-3 (fra	me an	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance	-free sl	ide be	aring t	echnol	logy		
Fastening:	drilled into frame drilled into sash								
Test report:	20-001	412-P	R01 of	10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for ι	use on	doors	in esc	ape ro	utes		
No. 8:									
Product designation:	40T-16	-00-06	6						
Hinge type:	3-part	steel d	oor hir	nge					
Material:	QSt 32	-3 (fra	me an	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance	-free sl	ide be	aring t	echno	logy		
Fastening:	drilled drilled								
Test report:	20-001			10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	use on	doors	in esc	ape ro	utes		

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No. 9:									
Product designation:	40T-16-00-07								
Hinge type:	3-part steel door hinge								
Material:	QSt 32	2-3 (fra	me and	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance	-free sl	ide be	aring t	echnol	logy		
Fastening:	drilled		-						
	drilled								
Test report:	20-001	412-P	R01 of	10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intended for use on doors in escape routes								
No. 10:									
Product designation:	40T-16-00-08								
Hinge type:	3-part	steel d	oor hin	nge					
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	maintenance-free slide bearing technology								
Fastening:	drilled drilled		-						
Test report:	20-001	412-P	R01 of	10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	use on	doors	in esc	ape ro	utes		
No. 11:									
Product designation:	40T-16	6-00-09	)						
Hinge type:	3-part	steel d	oor hin	nge					
Material:	QSt 32	2-3 (fra	me and	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance	-free sl	ide be	aring t	echnol	logy		
Fastening:	drilled								
	drilled	into sa	sh						
Test report:	20-001	412-P	R01 of	10.08	.2020				
Classification:	3	7	4	0	1	*)	0	11	
Intended use:	Intende	ed for u	use on	doors	in esc	ape ro	utes		

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No. 12:								
Product designation:	40T-16-00-10							
Hinge type:	3-part steel door hinge							
Material:	QSt 32-3 (frame and leaf element)							
Bearing Technology:	maintenance-free slide bearing technology							
Fastening:	drilled into frame drilled into sash							
Test report:	20-001412-PR01 of 10.08.2020							
Classification:	3 7 4 0 1 *) 0 11							
Intended use:	Intended for use on doors in escape routes							

### $^{*)}$ Allocation of the corrosion resistance for hinges as a function of the surfaces

No.	Hinge surface	Corrosion resistance according to
		DIN EN 1670-1998-12
1	galvanized	3
2	nickel-plated	2
3	brass	2

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### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 13:									
Product designation:	40H-18-00-00								
Hinge type:	3-parts steel door hinge								
Material:	QSt 32	2-3 (fra	me an	d leaf e	elemer	nt)			
Bearing Technology:	mainte	nance	-free s	ide be	aring to	echnol	logy		
Fastening:	drilled	in fram	ne						
	drilled	into sa	sh						
Test report:	205 29	985 da	ated 29	.08.20	05				
	11-001	008-P	R01 da	ated 27	7.07.20	)21			
Classification:	3	7	4	1	1	3	0	11	]
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 14:									
Product designation:	40H-18	3-00-06	6						
Hinge type:	3-parts	steel	door h	inge					
Material:	QSt 32	2-3 (fra	me an	d leaf e	elemen	nt)			
Bearing Technology:	mainte	nance	-free s	ide be	aring to	echnol	logy		
Fastening:	drilled	in fram	ne						
	drilled	into sa	sh						
Test report:	205 29	985 da	ated 29	9.08.20	05				
	11-001	008-P	R01 da	ated 27	7.07.20	)21			
Classification:	3	7	4	1	1	3	0	11	
Intended use:	Intend	ad for i		doore	in esc	ano ro	utos w	ith rea	uirements for fire

Intended use:

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### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 15:										
Product designation:	40	40H-18-00-08								
Hinge type:	3-p	3-parts steel door hinge								
Material:	QS	St 32	-3 (frai	me and	d leaf e	elemer	nt)			
Bearing Technology:	ma	ainter	nance-	free sl	ide be	aring t	echnol	ogy		
Fastening:	-		n fram nto sa	-						
Test report:	20	5 29	985 da	ated 29	.08.20	05				
Classification:		3	7	4	1	1	*)	0	11	
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 16:										
Product designation:	40	H-18	-00-09	•						
Hinge type:	3-p	oarts	steel	door hi	inge					
Material:	QS	St 32	-3 (frai	me and	d leaf e	elemer	nt)			
Bearing Technology:	ma	ainter	nance-	free sl	ide be	aring t	echnol	ogy		
Fastening:			nto fra nto sa							
Test report:				sn ated 29	0.08.20	05				
Classification:		3	7	4	1	1	*)	0	11	
Intended use:	Inte	Intended for use on doors in escape routes with requirements for fire								

Intended use:

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No. 17:									
Product designation:	40H-18-00-54								
Hinge type:	3-parts drill-in steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	maintenance-free slide bearing technology								
Fastening:	drilled into frame								
5	drilled into sash								
Test report:	11-001008-PR01 dated 27.07.2021								
Classification:	3 7 4 1 1 3 0 11								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 18:									
Product designation:	40H-18-00-60								
Hinge type:	3-parts drill-in steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	maintenance-free slide bearing technology								
Fastening:	drilled into frame								
	drilled into sash								
Test report:	12-000448-PR03 dated 16.10.2012								
Classification:	3 7 4 1 1 3 0 11								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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No. 19:									
Product designation:	40H-18-00-74								
Hinge type:	3-parts milled steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	maintenance-free slide bearing technology								
Fastening:	milled into frame								
0	milled into sash								
Test report:	12-000448-PR03 dated 16.10.2012								
Classification:	3 7 4 1 1 3 0 11								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 20:									
Product designation:	40H-18-00-79								
Hinge type:	3-parts drill-in steel door hinge								
Material:	QSt 32-3 (frame and leaf element)								
Bearing Technology:	maintenance-free slide bearing technology								
Fastening:	milled into frame								
	milled into sash								
Test report:	12-000448-PR03 dated 16.10.2012								
Classification:	3 7 4 1 1 3 0 11								
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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#### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 21: Product designation: Hinge type: Material: Bearing Technology: Fastening: Test report:	<b>40H-18-00-86</b> 3-parts milled steel door hinge QSt 32-3 (frame and leaf element) maintenance-free slide bearing technology milled into frame milled into sash 11-001008-PR01 dated 27.07.2021				
Classification:	3 7 4 1 1 3 0 11				
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control				
<b>No. 22:</b> Product designation:	45L-18-00-11				
Hinge type:	3-parts drill-in steel door hinge				
Material:	QSt 32-3 (frame and leaf element)				
Bearing Technology:	maintenance-free slide bearing technology				
Fastening:	drilled into frame drilled into sash				
Test report:	12-000448-PR03 dated 16.10.2012				
Classification:	3 7 4 1 1 3 0 11				
Intended use:	Intended for use on doors in escape routes with requirements for fire				

resistance and smoke control

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#### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 23:										
Product designation:	45L-18-00-12									
Hinge type:	3-parts steel door hinge									
Material:	QSt 32-3 (frame and leaf element)									
Bearing Technology:	maintenance-free slide bearing technology									
Fastening:	drilled into frame									
	screwed on the sash frame									
Test report:	11-001	008-P	R01 da	ated 27	7.07.20	)21				
Classification:	3	7	4	1	1	3	0	11		
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									

No. 24:										
Product designation:	45L-18-00-13									
Hinge type:	3-parts steel door hinge									
Material:	QSt 32-3 (frame and leaf element)									
Bearing Technology:	maintenance-free slide bearing technology									
Fastening:	drilled into frame screwed on the sash frame									
Test report:	11-001008-PR01 dated 27.07.2021									
Classification:	3 7 4 1 1 3 0 11									
Intended upor	Intended for use on dears in second routes with re-									

Intended use:

Intended for use on doors in escape routes with requirements for fire resistance and smoke control

### $^{\star)}$ Allocation of the corrosion resistance for hinges as a function of the surfaces

No.	Hinge surface	Corrosion resistance according to
		DIN EN 1670-1998-12
1	galvanized	3
2	nickel-plated	2
3	brass	2

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### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 25:										
Product designation:	40H-22-00-00									
Hinge type:	3-part drill-in door hinge									
Leaf element:	40H-22-1C-00									
Frame element:	40H-2	2-1L-0	C							
Material:	Steel (	leaf an	d fram	e elem	nent)					
Bearing technology:	mainte	enance	-free s	lide be	aring t	echnol	logy			
Test report:	205 33	8788 of	29.01	.2008						
	IBS 05	501171	5 of 19	.05.20	05					
Classification:	3	7	4	1	1	*)	0	11		
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 26:										
Product designation:	40H-2	<b>2-00-0</b> ′	1							
Hinge type:	3-part	drill-in	door h	inge						
Leaf element:	40H-2	2-1C-0	0							
Frame element:	40H-2	2-1L-0 <sup>-</sup>	1							
Material:	Steel (	leaf an	d fram	e elem	nent)					
Bearing technology:	mainte	enance	-free s	lide be	aring t	echnol	logy			
Test report:	205 33	3788 of	29.01	.2008						
	IBS 05	501171	5 of 19	0.05.20	05					
Classification:	3	7	4	1	1	*)	0	11		

Intended use:

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No. 27:									
Product designation:	40H-22-00-03								
Hinge type:	3-part drill-in door hinge								
Leaf element:	40H-22-1C-00								
Frame element:	40H-22	2-5L-03	3						
Material:	Steel (	leaf an	d fram	e elerr	nent)				
Bearing technology:	mainte	nance	-free s	lide be	aring t	echnol	logy		
Test report:	205 33	788 of	29.01	.2008					
	IBS 05	01171	5 of 19	9.05.20	05				
Classification:	3	7	4	1	1	*)	0	11	]
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								
No. 28:									
Product designation:	40H-22	2-00-0	5						
Hinge type:	3-part	drill-in	door h	inge					
Leaf element:	40H-22	2-1C-0	5						
Frame element:	40H-22	2-1L-08	5						
Material:	Steel (	leaf an	d fram	e elem	nent)				
Bearing technology:	mainte	nance	-free s	lide be	aring t	echnol	logy		
Test report:	205 33	788 of	29.01	.2008					
	IBS 05	01171	5 of 19	9.05.20	05				
Classification:	3	7	4	1	1	*)	0	11	]
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control								

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No. 29:										
Product designation:	40H-22-00-06									
Hinge type:	3-part drill-in door hinge									
Leaf element:	40H-22-1C-01									
Frame element:	40H-22-5L-06	6 and 4	40H-22	2-1L-01	l					
Material:	Steel (leaf an	d fram	e elem	nent)						
Bearing technology:	maintenance	-free sl	lide be	aring t	echnol	logy				
Test report:	205 33788 of	29.01	.2008							
	IBS 0501171	5 of 19	0.05.20	05						
Classification:	3 7	4	1	1	*)	0	11			
Intended use:	Intended for use on doors in escape routes with requirements for fire resistance and smoke control									
No. 30:										
Product designation:	40H-22-00-08	3								
Hinge type:	3-part drill-in	door h	inge							
Leaf element:	40H-22-1C-0	1								
Frame element:	40H-22-1L-08	3								
Material:	Steel (leaf an	d fram	e elem	nent)						
Bearing technology:	maintenance	-free sl	lide be	aring t	echnol	logy				
Test report:	205 33788 of	29.01	.2008							
	IBS 0501171	5 of 19	0.05.20	05						
Classification:	3 7	4	1	1	*)	0	11	]		

Intended use:	Intended for use on doors in escape routes with requirements for fire
	resistance and smoke control

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No. 31:									
Product designation:	40H-22-00-09								
Hinge type:	3-part drill-in door hinge								
Leaf element:	40H-22-1C-09								
Frame element:	40H-22-1L-01								
Material:	Steel (leaf and frame element)								
Bearing technology:	mainte	nance	free sl	ide be	aring t	echnol	ogy		
Test report:	205 33788 of 29.01.2008								
	IBS 05011715 of 19.05.2005								
Classification:	3	7	4	1	1	*)	0	11	

Intended use:	ntende	ed for u	ise on	doors	in esc	ape ro	utes w	ith req	uiremen	ts for fi	re
r	esistar	nce an	d smo	ke con	trol						

Product designation:	40H-22-00-10
Hinge type:	3-part drill-in door hinge
Leaf element:	40H-22-1C-01
Frame element:	40H-22-1L-08 and 40H-22-5L-10
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	205 33788 of 29.01.2008
	IBS 05011715 of 19.05.2005

Classification:	3	7	4	1	1	*)	0	11
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Intended use:

No. 32:

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#### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 33:										
Product designation:	40H-22-00-12									
Hinge type:	3-part drill-in door hinge									
Leaf element:	40H-22-1C-12									
Frame element:	40H-22-1L-01									
Material:	Steel (leaf and frame element)									
Bearing technology:	maintenance-free slide bearing technology									
Test report:	205 33788 of 29.01.2008									
	IBS 05011715 of 19.05.2005									
Classification:										

Classification:	3	7	4	1	1	*)	0	11	
Intended use:	Intende	ed for u	use on	doors	in esc	ape ro	utes w	ith req	uirements for fire
	resista	nce an	id smo	ke con	trol				

No. 34:	
Product designation:	40H-22-00-13
Hinge type:	3-part drill-in door hinge
Leaf element:	40H-22-1C-12
Frame element:	40H-22-5L-06 and 40H-22-1L-01
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	205 33788 of 29.01.2008
	IBS 05011715 of 19.05.2005

Classification:	3	7	4	1	1	*)	0	11

Intended use:

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### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 35:	
Product designation:	40H-22-00-14
Hinge type:	3-part drill-in door hinge
Leaf element:	40H-22-1C-12
Frame element:	40H-22-1L-08
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	205 33788 of 29.01.2008
	IBS 05011715 of 19.05.2005

Classification:	3	7	4	1	1	*)	0	11	
Intended use:	Intonda	ad for i		doors	in esc	ane ro	utos w	ith rea	uiromo

Intended use:

Intended for use on doors in escape routes with requirements for fire resistance and smoke control

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No. 36:	
Product designation:	40H-22-00-15
Hinge type:	3-part drill-in door hinge
Leaf element:	40H-22-1C-15
Frame element:	40H-22-1L-01
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	205 33788 of 29.01.2008
	IBS 05011715 of 19.05.2005

Classification:	3	7	4	1	1	*)	0	11
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Intended use:

Annex 1Page 18 of 19Certificate holder:SFS Group Italy S.r.I. unipersonaleDate of issue:21.04.2023



#### Certificate No.: 0757-CPR-229EG-7051574-3-8

Product designation: 40H-22-00-18   Hinge type: 3-part drill-in door hinge   Leaf element: 40H-22-1C-18   Frame element: 40H-22-1L-18 and 40H-22-5L-18   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 205 33788 of 29.01.2008   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005	No. 37:										
Leaf element: 40H-22-1C-18   Frame element: 40H-22-1L-18 and 40H-22-5L-18   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 205 33788 of 29.01.2008   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control No. 38:   Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005	Product designation:	40H-22-00-18									
Frame element: 40H-22-1L-18 and 40H-22-5L-18   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 205 33788 of 29.01.2008   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005	Hinge type:	3-part drill-in door hinge									
Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 205 33788 of 29.01.2008   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013 IBS 05011715 of 19.05.2005	Leaf element:										
Bearing technology: maintenance-free slide bearing technology   Test report: 205 33788 of 29.01.2008   IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013 IBS 05011715 of 19.05.2005	Frame element:	40H-22	2-1L-18	3 and 4	10H-22	2-5L-18	3				
Test report: 205 33788 of 29.01.2008 IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013 IBS 05011715 of 19.05.2005	Material:	Steel (	leaf an	d fram	e elem	nent)					
IBS 05011715 of 19.05.2005   Classification: 3 7 4 1 1 *) 0 11   Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation: 45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005 IBS 05011715 of 19.05.2005	Bearing technology:	mainte	nance	-free sl	ide be	aring t	echnol	logy			
Classification:37411*)011Intended use:Intended for use on doors in escape routes with requirements for fire resistance and smoke controlNo. 38:Product designation:45H-22-00-02Hinge type:3-part drill-in door hingeMaterial:Steel (leaf and frame element)Bearing technology:maintenance-free slide bearing technologyTest report:13-002447-PR01 of 08.08.2013IBS 05011715 of 19.05.2005	Test report:	205 33	788 of	29.01	.2008						
Intended use: Intended for use on doors in escape routes with requirements for fire resistance and smoke control   No. 38: Product designation:   45H-22-00-02   Hinge type: 3-part drill-in door hinge   Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005		IBS 05	01171	5 of 19	.05.20	05					
No. 38:Product designation:45H-22-00-02Hinge type:3-part drill-in door hingeMaterial:Steel (leaf and frame element)Bearing technology:maintenance-free slide bearing technologyTest report:13-002447-PR01 of 08.08.2013IBS 05011715 of 19.05.2005	Classification:	3	7	4	1	1	*)	0	11		
Product designation:45H-22-00-02Hinge type:3-part drill-in door hingeMaterial:Steel (leaf and frame element)Bearing technology:maintenance-free slide bearing technologyTest report:13-002447-PR01 of 08.08.2013IBS 05011715 of 19.05.2005	Intended use:						ape ro	utes w	ith req	uirements for fire	
Hinge type:3-part drill-in door hingeMaterial:Steel (leaf and frame element)Bearing technology:maintenance-free slide bearing technologyTest report:13-002447-PR01 of 08.08.2013IBS 05011715 of 19.05.2005	No. 38:										
Material: Steel (leaf and frame element)   Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005	Product designation:										
Bearing technology: maintenance-free slide bearing technology   Test report: 13-002447-PR01 of 08.08.2013   IBS 05011715 of 19.05.2005	Hinge type:	3-part drill-in door hinge									
Test report: 13-002447-PR01 of 08.08.2013 IBS 05011715 of 19.05.2005	Material:	Steel (leaf and frame element)									
IBS 05011715 of 19.05.2005	Bearing technology:	maintenance-free slide bearing technology									
	Test report:										
Classification: 3 7 4 1 1 *) 0 11		IBS 05	01171	5 of 19	.05.20	05					
	Classification:	3	7	4	1	1	*)	0	11	]	

Intended use:

Annex 1Page 19 of 19Certificate holder:SFS Group Italy S.r.I. unipersonaleDate of issue:21.04.2023

**ift** ROSENHEIM

### Certificate No.: 0757-CPR-229EG-7051574-3-8

No. 39:	
Product designation:	45H-22-00-02XN
Hinge type:	3-part drill-in door hinge
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	13-002447-PR01 of 08.08.2013
	IBS 05011715 of 19.05.2005

Classification:	3	7	4	1	1	*	0	11	
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Intended use:

No. 40:

Intended for use on doors in escape routes with requirements for fire resistance and smoke control

Product designation:	45L-22-00-05
Hinge type:	3-part drill-in door hinge
Leaf element:	45H-22-1C-02
Frame element:	40H-22-1C-01
Material:	Steel (leaf and frame element)
Bearing technology:	maintenance-free slide bearing technology
Test report:	13-002447-PR01 of 08.08.2013
	IBS 05011715 of 19.05.2005

	Classification:	3	7	4	1	1	*)	0	11
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Intended use:

Intended for use on doors in escape routes with requirements for fire resistance and smoke control

### \*) Allocation of the corrosion resistance for hinges as a function of the surfaces

No.	Hinge surface	Corrosion resistance according to
		DIN EN 1670-1998-12
1	Stainless steel	4
2	zinc	4
3	nickel	3