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The Hinge Technology Specialist

As part of the globally recognised SFS Group, all SFS hinges are manufactured by our specialist manufacturers in Pordenone, Italy; combining state of the art technologies and sustainable practices to consistently set new standards in the design and engineering of advanced hinge solutions.

SFS boasts a wealth of specific knowledge and experience when it comes to the research and development of new hinge solutions with an emphasis on quality, right from the first consultation and throughout the entire development process.

For SFS, closeness to the customer is fundamental.

That means that having a vast geographical presence is essential with local market representatives present in numerous markets across the world.

This means that specific solutions can be developed to suit the respective local markets without the obstacle of linguistic or cultural barriers.

Our customers can thus benefit from the knowledge that they are choosing to partner with a global reach yet local presence. We aim to create reliable, sustainable and innovative solutions for each application in partnership with industry leaders in each respective market.

Product Characteristics



Hinges available in different colours →

SFS offers a wide range of both bright metallic and powder coated finishes. These finishes are resistant to atmospheric agents, and tested according to UNI EN1670 standards.



CE marking >

Hinges gain CE Certification by meeting the necessary safety and performance requirements set by the European Union, BS EN1935, and by undergoing testing and assessment by a notified body.



UKCA marking →

Hinges gain UKCA Certification by meeting the necessary safety and performance requirements set by British Standards and undergoing testing and assessment.



Secured by Design →

Secured by Design is a UK police initiative promoting crime prevention measures in building and product design. Hinges can gain Secured by Design certification by meeting specific security standards, such as resistance to forced entry; PAS 024. This certification ensures the hinges contribute to overall building security and compliance with Approved Document Q of the building regulations of England and Wales.

Product Application guide

	Application			
Product	PVC-U	Composite	Aluminium	Timber
Dynamic 2D →				
Dynamic 2D-C →				
Dynamic 2D-F →				
Dynamic 2D-A →				
Dynamic 3DN-16 →				
Dynamic 3D Ø 20 →				
Dynamic 3D-F →				

EN 1935 Classification

Digit 3 - Test Door Mass

- Grade 0: 10kg
- Grade 1: 20kg
- Grade 2: 40kg
- Grade 3: 60kg
- Grade 4: 80kg
 - Grade 5: 100kg
- Grade 6: 120kg Category 3: heavy duty
- Category 4: severe duty • Grade 7: 160kg

Digit 1 - Category of duty

• Category 2: medium duty

Category 1: light duty

Digit 5 - Safety

Single-axis hinges are required to satisfy the essential requiremnts of safety in use. Therefore, only Grade 1 is identified

• Annex C of this European Standard details the hinge grade to use for the level of security required

applications requiring a

degree of security

Digit 7 - Security • Grade 0: no security • Grade 1: suitable for

Digit 6 - Corrosion resistance

- Grade 0 : no defined corrosion resistance
- Grade 1: mild resistance
- Grade 2: moderate resistance
- Grade 3: high resistance
- Grade 4: very high resistance

Digit 2 - Durability

- Grade 3: 10,000 test cycles/ light duty hinges/windows
- Grade 4: 25,00 test cycles/ light duty hinges/windows and doors
- Grade 7: 200,000 test cvcles/medium, heavy and severe duty hinges/doors only

Digit 4 - Suitability for use on fire/smoke doors

- Grade 0: not suitable for fire/smoke resistance door assemblies
- Grade 1: suitable for fire/smoke resistance door assemblies subject to satisfactory assessment of the contribution of single-axis hinge to the fire resistance of special fire/smoke door assemblies (such assessment is outside the scope of this European Standard - see EN 1634 -1)

Digit 8 - Hinge grade

- Grade 1: window/10,000 cycles/10kg
- Grade 2: window/10,000 cycles/20kg
- Grade 3: window-door/25,000 cycles/20kg
- Grade 4: door/200,000 cycles/20kg
- Grade 5: window/10,000 cycles/40kg
- Grade 6: window-door/25,000 cycles/40kg
- Grade 7: door/200,000 cycles/40kg
- Grade 8: window/10,000 cycles/60kg
- Grade 9: window-door/10,000 cycles/60kg
- Grade 10: door/200,000/60kg
- Grade 11: door/200,000 cycles/80kg
- Grade 12: door/200,000 cycles/100kg
- Grade 13: door/200,000 cycles/120kg
- Grade 14: door/200,000 cycles/160kg

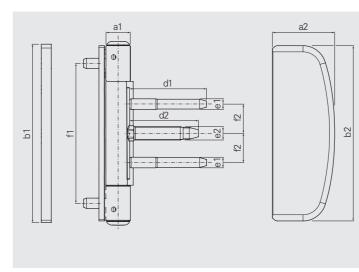
Item description	Usage Category	Duration Test (cycles)	Door Mass	Fire and Smoke	Safety	Corrosion Resistance	Anti Burglary	Hinge Grade
Dynamic 2D	3	7	4	0	1	4	0	11
Dynamic 2D-C	3	7	4	0	1	4	0	11
Dynamic 2D-F	3	7	4	0	1	4	0	11
Dynamic 2D-A	3	7	4	0	1	4	0	11
Dynamic 3DN-16	3	7	4	0	1	4	0	11
Dynamic 3D Ø 20	3	7	4	0	1	4	0	11
Dynamic 3D-F	3	7	4	0	1	4	0	11

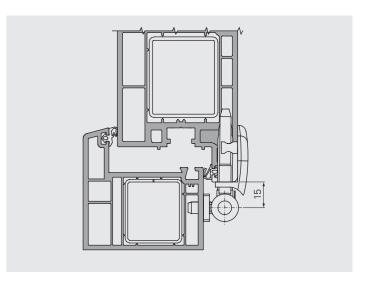
Find out more > 4 SFS | Dynamic Hinge Range Dynamic Hinge Range | SFS 5





Dynamic 2D











Application

Dynamic 2D Adjustable Hinge for rebated PVC-U and Timber

Load Capacity with 2 hinges 100kg*

*See RAL GZ-607/8 guidance within technical datasheet

Designation according to standards EN 1935

3 7 4 0 1 ** 0 11								
	3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

a1	a2	b1	b2	d1	d2	e1	e2	f1	f2
16.0 mm	40.5 mm	118.0 mm	114.0 mm	50.0 mm	45.0 mm	6.4 mm	8.7 mm	91.0 mm	19.0 mm











Features and Benefits

- Secured by Design registered robust, durable & secure.
- Bespoke system specific sash plates tailor-made to your door profile.
- Excellent carrying capacity, 100kg with two hinges easily capable of supporting triple glazing.
- Easy directional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true 'fit & forget' installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Aesthetically pleasing to enhance the appearance of the finished doorset
- Wide range of finishes- to perfectly suit coloured profiles.
- Slim-line design to maximise the doors opening width.
- Low profile hinge stack, eliminating damage to plaster reveals and decorations.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

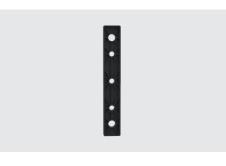
Traffic White - 9016 Silver Grey - 7001 Silver Grey Metallic Pure White - 9010 Black - 9005 Titanium Grey Metallic Agate Grey - 7038 Cream - 9001 Pebble Grey - 7032 Antique Black Endurabrite Gold Irish Oak - 1011 Basalt Grey - 7012 Endurabrite Chrome Slate Grey - 7015 Light Brown - 8003 Rosewood Anthracite Grey - 7016

Dynamic 2D Profile System Matrix

The frame nest may or may not be required, depending upon your door system (s) stack height.

The Dynamic 2D Hinge element is common to all applications, so you will always require this.

The system specific sash plate should be selected for the door system(s) that you are producting.







				Frame	e Nests	
Door Profile System	Combination pack available?	Sash plate	1.5mm	3.0mm	4.5mm	6.0mm
Aluplast Ideal 70		69				
Deceuninck 2500		60				
Deceuninck 2800		68				
Eurocell Eurologic 70		48				
Eurocell Modus		48				
Kommerling 070		55				
Kommerling C70		61				
Liniar		48				
Rehau T70 Inward Open		48				
Rehau T70 outward Open		60				
Rehau T70 S		66				
Rehau Calibre		48				
Rehau Geneo		48				
Residence 9		48+ Spacers				
Selecta Advanced 70		93				
Veka Matrix M70		84				
Veka Fully Sculptured		57				
Veka Halo Eclipse		48				
Veka Halo Rustique 2 Sqaure		48				
Veka Halo System 10 MKII		48				

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Easy Door Installation Video
- Declaration of Performance (DOP)
- Technical Data Sheet





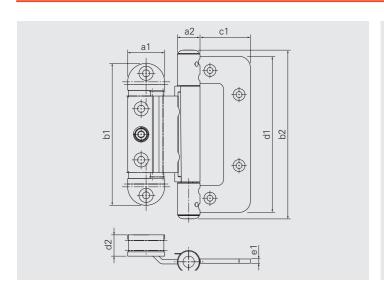
Dynamic 2D-C

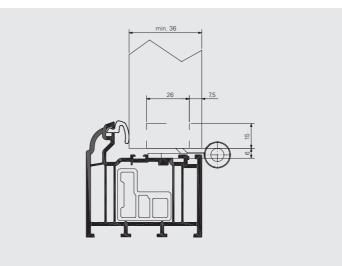
Combining traditional flush-fit aesthetics and modern functionality to provide unrivaled fit & forget performance





Dynamic 2D-C











Application

Dynamic 2D-C Adjustable Hinge for Composite Doors

Load Capacity with 2 hinges 100kg*

Approvals





Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

а	b1	b2	d	e1	e2	e3	f1	f2
16.0 mm	119.0 mm	113.5 mm	29.5mm	6.9 mm	8.0 mm	6.7 mm	91.0 mm	19.0 mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 100kg with two hinges easily capable of supporting triple glazing.
- Easy directional adjustment including downwards adjustment to optimise seal on low thresholds.
- Pain-free routing of edge band on door slab.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Traditional appearance over the air gap. Therefore, no infringement on the plaster line providing easy compliance with Part M of the building regulations.

Endurabrite Chrome

- Wide range of finishes to perfectly suit coloured profiles.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes



Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Milling Scheme
- Declaration of Performance (DOP)
- Technical Data Sheet



^{*}See RAL GZ-607/8 guidance within technical datasheet



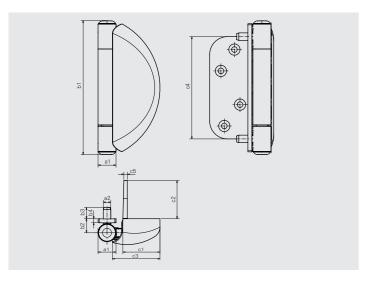
Dynamic 2D-F

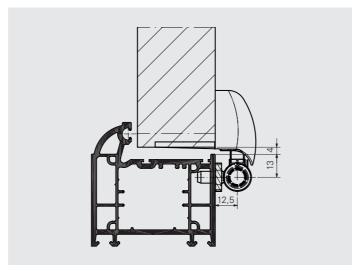
Robust, fabricator friendly hinge for flush applications





Dynamic 2D-F











Application

Dynamic 2D-F Adjustable Hinge for Composite Doors.

Load Capacity with 2 hinges 100kg*

*See RAL GZ-607/8 guidance within technical datasheet

Approvals





Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

a1	a2	b1	b2	b3	c1	c2	c3	c4	с5
16.0 mm	6.7 mm	119.0 mm	12.5 mm	113.5 mm	33.0 mm	34.0 mm	42.3 mm	91.0 mm	3.0 mm

Features and Benefits

- Secured by Design registered robust, durable & secure
- Excellent carrying capacity, 100kg with two hinges easily capable of supporting triple glazing.
- Easy directional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Aesthetically pleasing to enhance the appearance of the finished doorset
- Wide range of finishes- to perfectly suit coloured profiles.
- 10 year mechanical guarantee
- High quality, application specific Jigs available

Finishes



Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP)
- Technical Data Sheet





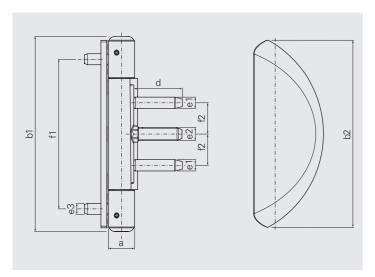
Dynamic 2D-A

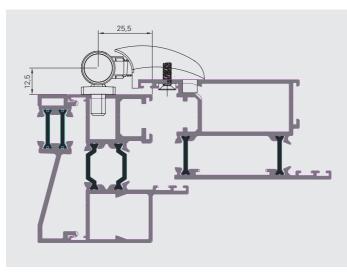
Secure, long lasting performance for aluminium doors





Dynamic 2D-A











Application

Dynamic 2D-A Adjustable Hinge for Aluminium Doors.

For Aluminium Doors: Load Capacity with 2 hinges 100kg*

*See RAL GZ-607/8 guidance within technical datasheet

Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

		1.0						
а	b1	b2	d	e1	eZ	e3	f1	12
16.0 mm	119.0 mm	113.5 mm	29.5mm	6.9 mm	8.0 mm	6.7 mm	91.0 mm	19.0 mm

Approvals

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 100kg with two hinges easily capable of supporting triple glazing.
- Easy directional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Aesthetically pleasing to enhance the appearance of the finished doorset.
- Slim-line design to maximise the doors opening width.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

Traffic White - 9016

Black - 9005

Anthracite Grey - 7016

Silver Grey Metallic

Endurabrite Chrome

Mill Finish

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP)
- Technical Data Sheet



Dynamic 3D Hinges



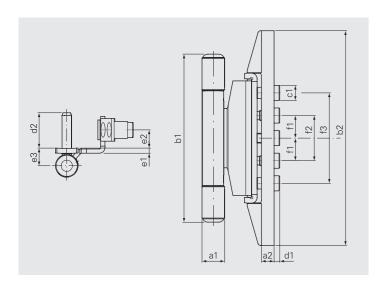
Dynamic 3DN-16

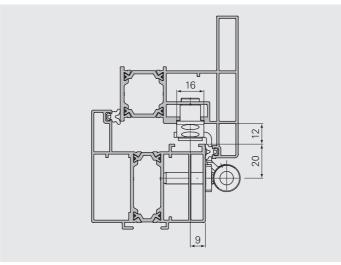
Streamlined aesthetics, multi adjustable universal hinge for eurogroove applications.





Dynamic 3DN-16 - 9mm













Approvals

Application

Dynamic 3DN Adjustable Hinge for Eurogroove Profiles

For PVC-U, Aluminium and Timber Doors Load Capacity with 2 hinges 110kg*

*See RAL GZ-607/8 guidance within technical datasheet

Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**}see corrosion resistance

Technical Information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0 mm	9 mm	119.0 mm	152 mm	10.7 mm	4.0 mm	25.0 mm	3.6 mm	9.0 mm	12.5 mm	16.0 mm	32.0 mm	64.0 mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 110kg with two hinges easily capable of supporting triple glazing.
- Easy, three dimensional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Applicable to 9mm eurogroove applications.
- Available with 10mm or 25mm pins.
- Aesthetically pleasing to enhance the appearance of the finished doorset.
- No infringement on the plaster line providing easy compliance with Part M of the building regulations.
- Wide range of finishes- to perfectly suit coloured profiles.
- Slim-line design to maximise the doors opening width.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

Traffic White - 9016

Pure White - 9010

Light Brown - 8003

Anthracite Grey - 7016

Black - 9005

Silver Grey Metallic

Titanium Grey Metallic

Documentation

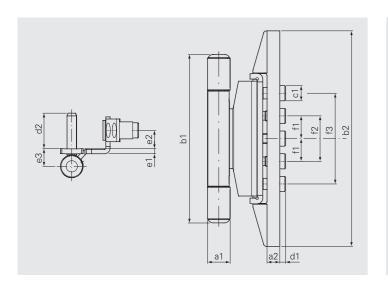
- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP)
- Technical Data Sheet

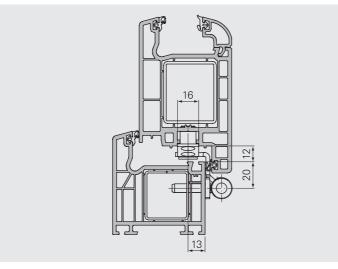






Dynamic 3DN-16 - 13mm













Approvals

Application

Dynamic 3DN Adjustable Hinge for Eurogroove Profiles

For PVC-U, Aluminium and Timber Doors Load Capacity with 2 hinges 110kg*

**See RAL GZ-607/8 guidance within technical datasheet

Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

a1	a2	b1	b2	c1	d1	d2	e1	e2	e3	f1	f2	f3
16.0 mm	9 mm	119.0 mm	152 mm	10.7 mm	4.0 mm	25.0 mm	3.6 mm	13.0 mm	12.5 mm	16.0 mm	32.0 mm	64.0 mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 110kg with two hinges easily capable of supporting triple glazing.
- Easy, three dimensional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Applicable to 13mm eurogroove applications.
- Available with 10mm or 25mm pins.
- Aesthetically pleasing to enhance the appearance of the finished doorset.
- No infringement on the plaster line providing easy compliance with Part M of the building regulations.
- Wide range of finishes- to perfectly suit coloured profiles.
- Slim-line design to maximise the doors opening width.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

Traffic White - 9016 Anthracite Grey - 7016 Pure White - 9010 Black - 9005 Silver Grey Metallic Light Brown - 8003

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP)
- Technical Data Sheet



To schedule a free demonstration and receive information on the recommended fixings for your application, please email ukenquires@sfs.com. >

Titanium Grey Metallic



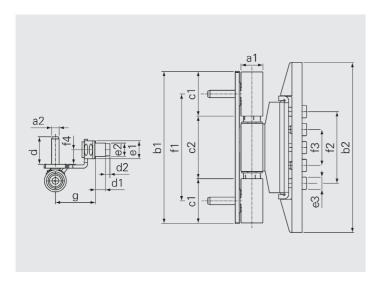
Dynamic 3D Ø 20

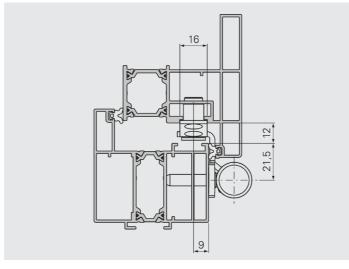
Streamlined aesthetics, multi adjustable universal hinge for heavy duty eurogroove applications





Dynamic 3D Ø 20 - 9 mm













Approvals

Application

Dynamic 3D 20 Adjustable Hinge for eurogroove positions

For PVC-U, Aluminium and Timber Doors Load Capacity with 2 hinges 160kg*

Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

a1	a2	b1	b2	c1	c2	d	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	4.0	20.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 160kg with two hinges easily capable of supporting triple glazing.
- Easy, three dimensional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Applicable to 9mm eurogroove applications.
- Aesthetically pleasing to enhance the appearance of the finished doorset.
- Wide range of finishes- to perfectly suit coloured profiles.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

Traffic White - 9016

Gloss Black - 9005

Matt Black - 9005

Stainless Steel

Silver Grey Metallic

Anthracite Grey - 7016

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP)
- Technical Data Sheet

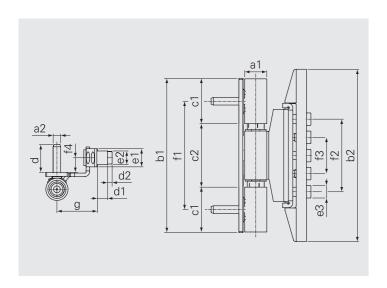


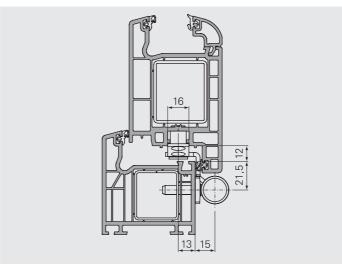
^{**}See RAL GZ-607/8 guidance within technical datasheet





Dynamic 3D Ø 20 - 13 mm













Approvals

Application

Dynamic 3D 20 Adjustable Hinge for eurogroove positions

For PVC-U, Aluminium and Timber Doors Load Capacity with 2 hinges 160kg*

Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

			1		ı				1						
a1	a2	b1	b2	c1	c2	d	d2	e1	e2	e3	f1	f2	f3	f4	g
20.0	6.7	136.0	152.0	39.5	56.0	24.5	4.0	20.0	12.0	10.7	95.5	64.0	32.0	13.0	35.7
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 160kg with two hinges easily capable of supporting triple glazing.
- Easy, three dimensional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Applicable to 13 mm eurogroove applications.
- Aesthetically pleasing to enhance the appearance of the finished doorset.
- Wide range of finishes- to perfectly suit coloured profiles.
- 10 year mechanical guarantee.
- High quality, application specific Jigs available.

Finishes

Traffic White - 9016

Gloss Black - 9005

Matt Black - 9005

Stainless Steel

Silver Grey Metallic

Anthracite Grey - 7016

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Milling Scheme
- Declaration of Performance (DOP/Technical Data Sheet)



^{**}See RAL GZ-607/8 guidance within technical datasheet



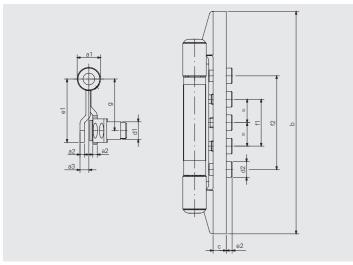
Dynamic 3D-F

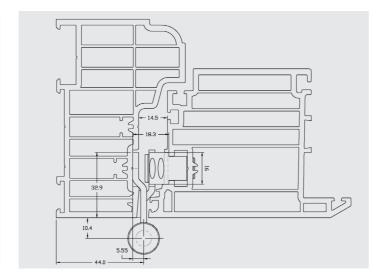
Sleek, bespoke, precision engineered hinge solutions for leading flush profiles





Dynamic 3D-F





*version shown is for the Residence Collection.









Application

Dynamic 3D-F - Adjustable Hinge for Flush Profiles For PVC-U and Aluminium:

Load Capacity with 2 hinges 100kg*

*See RAL GZ-607/8 guidance within technical datasheet

Approvals





Designation according to standards EN 1935

3	7	4	0	1	* *	0	11

^{**} see corrosion resistance

Technical Information

a1	a2	a3	b	С	c2	d1	d2	e1	f1	f2	g
16.0	3	6.1	152.0	9	56.0	12.0	10.7	43,2	32.0	64.0	35.3
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm

Features and Benefits

- Secured by Design registered robust, durable & secure.
- Excellent carrying capacity, 100kg with two hinges easily capable of supporting triple glazing.
- Easy, three dimensional adjustment including downwards adjustment to optimise seal on low thresholds.
- Excellent long term operational reliability tested to 200,000 cycles for a true fit & forget installation.
- Maintenance free due to self lubricating bushes; ensuring a lasting and smooth movement over time.
- Bespoke versions available to suit leading flush profiles*.
- Traditional appearance over the air gap. Therefore, no infringement on the plaster line providing easy compliance with Part M of the building regulations.
- Stylish range of colours to compliment each system.
- Slim-line design to maximise the doors opening width.
- 10 year mechanical guarantee.
- ·High quality, application specific Jigs available.

Finishes (Dependent on System)

Matt White - 9016 - MBT

Gloss White - 9016

Matt Black - 9005

Gloss Black - 9005 - MPN

Anthracite - 7016 Matt

Titanium Grey Metallic - PFG

Documentation

- Fitting and Adjustment Instructions
- Fitting and Adjustment Video
- Declaration of Performance (DOP/Technical Data Sheet



^{*}Contact your Area Sales Manager to find out what versions are available.

Hinge Fastener Application Guide

The following table provides a guide to our recommended fasteners for each type of hinge. This resource is designed to assist you in selecting the correct SFS fastener for your specific hinge application.

Hinge Type	Substrate	Fixing	Point
Dynamic 2D	Unreinforced PVC-U	SPT-4,3 →	Self Piercing Needle Point
Dynamic 2D	Recycled Plastic Reinforcement	SPT-4,3 →	Self Piercing Needle Point
Dynamic 2D	Steel Reinforcement	SP3-3,9* →	Self Drilling
Dynamic 2D-C	Composite Material	VAB-5,0 →	Self Piercing Needle Point
Dynamic 2D-C	Steel Reinforcement	SP3-3,9* →	Self Drilling
Dynamic 2D-C	Unreinforced PVC-U	SPT-4,3 →	Self Piercing Needle Point
Dynamic 2D-C	Recycled Plastic Reinforcement	SPT-4,3 →	Self Piercing Needle Point
Dynamic 2D-F	Composite Material	VAB-5,0 →	Self Piercing Needle Point
Dynamic 2D-F	Steel Reinforcement	SP3-3,9* →	Self Drilling
Dynamic 2D-F	Recycled Plastic Reinforcement	SPT-4,3 →	Self Piercing Needle Point
Dynamic 2D-A	Aluminium	Taptite II M4 →	Taptite
Dynamic 2D-A	Polyamide	SPT-DP4-4,3 →	Self Piercing Needle Point
Dynamic 2D-A	Aluminium	STS3-4,2 →	FastTip [®]
Dynamic 2D-A	Aluminium	VAT-4,8 →	Type A Point
Dynamic 3DN-16	Aluminium	STS3-4,2 →	FastTip®
Dynamic 3DN-16	Aluminium	VAT-4,8 >	Type A Point
Dynamic 3DN-16	Polyamide	SPT-DP4-4,3 →	Self Piercing Needle Point
Dynamic 3DN-16	Timber	VAB-5,0 →	Self Piercing Needle Point
Dynamic 3D Ø 20	Unreinforced PVC-U	SPT-4,3 →	Self Piercing Needle Point
Dynamic 3D Ø 20	Steel Reinforcement	SP3-3,9* →	Self Drilling
Dynamic 3D Ø 20	Recycled Plastic Reinforcement	SPT-4,3 →	Self Piercing Needle Point
Dynamic 3D Ø 20	Timber	VAB-5,0 →	Self Piercing Needle Point
Dynamic 3D Ø 20	Aluminium	STS3-4,2 →	FastTip [®]
Dynamic 3D Ø 20	Aluminium	VAT-4,8 →	Type A Point
Dynamic 3D Ø 20	Polyamide	SPT-DP4-4,3 →	Self Piercing Needle Point
Dynamic 3D-F	Unreinforced PVC-U	SPT-4,3 →	Self Piercing Needle Point
Dynamic 3D-F	Steel Reinforcement	SP3-3,9 →	Self Drilling
Dynamic 3D-F	Recycled Plastic Reinforcement	SPT-4,3 →	Self Piercing Needle Point
Dyanmic 3D-F	Aluminium	STS3-4,2 →	FastTip®
Dynamic 3D-F	Aluminium	VAT-4,8 →	Type A Point
Dynamic 3D-F	Polyamide	SPT-DP4-4,3 →	Self Piercing Needle Point

^{*}When testing to PAS 024, please consult with your ASM for the recommended fasteners to use

Correct Fastener Optimum Performance

Ensure you get the optimum performance from your hinges by using the right fastener for the application. At SFS Group, we know that the right fastener is crucial for durability, safety, and functionality. Whether it's timber, aluminium, PVC-U or composite doors, each material requires a specific fastener to support the hinges effectively. The correct fasteners prevent sagging, enhance longevity, and withstand environmental challenges. Choose SFS fasteners for superior strength, enhanced safety, and optimised installation efficiency. Trust us to deliver the right solution for your door installations.

Countersunk Carbon Steel Fastener SPT-4.3 →

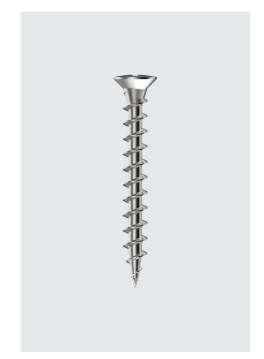
Optimised thread form with fully threaded needle point for best performance in PVC-U

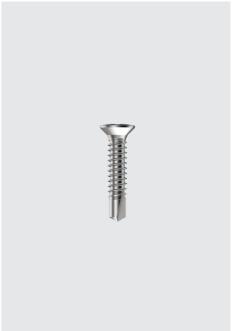
Countersunk Carbon Steel Self Drilling Fastener SP3-3.9 →

Trouble-free installation when fastening reinforcement and hardware to the PVC-U profile.

Stainless Steel Self-Drilling Fastener with FastTip® STS3-4.2 →

Introducing SFS' new, full stainless steel fastener with FastTip® improving efficiency and productivity in aluminium fabrication







38 SFS | Dynamic Hinge Range | | Dynam



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