Features of the Slide Pack

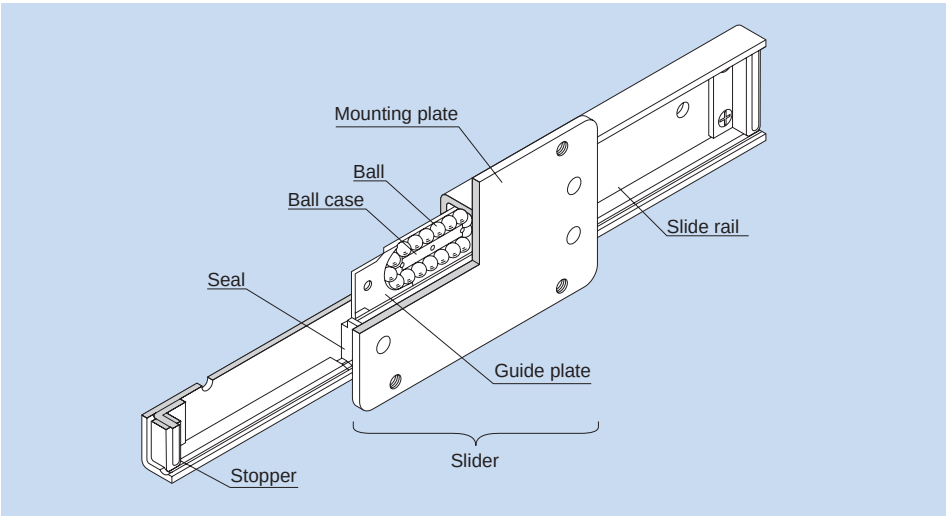


Fig.1 Structure of Slide Pack Model FBW-RUU

Structure and Features

Slide Pack model FBW is an LM system in which a precision press molded slider that contains balls performs infinite straight motion. Used in combination with a slide rail, the Slide Pack achieves lightweight and compact design and smooth straight motion at a low price.
The ball case and the slide rail are nitrided to ensure high wear resistance. (The slide rail of model FBW 2560R is made of stainless steel.)
The Slide Pack is optimal for slide units of photocopiers, tool cabinets, electronic equipment cabinets, moving seats, automatic vending machines, machine tool slide covers, cash registers, heavy doors and curtain walls.

[Low Cost, Interchangeable]
Since it is press molded with precision, this LM system achieves stable quality and interchangeability at low cost.

[Infinite Stroke Length]
Unlike the conventional finite stroke type, the slider is capable of performing infinite motion. When connected with a slide rail, it can be used in long-stroke applications.

[Easy Installation and Handling]
Because of the structure that prevents balls from falling off even if the slider is removed from the slide rail, this model is easy to handle and can be used in a complex construction where it is impossible to install an LM system unless it is disassembled.

[A Type Equipped with a Contamination Protection Seal Also Standardized]
A type equipped with a contamination protection seal is standardized for locations where cutting chips or dust may enter the system.

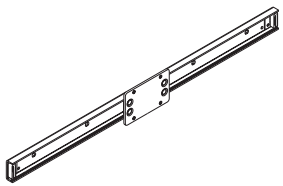
Types of the Slide Pack

Type

Model FBW 2560R

Specification Table⇒B-536

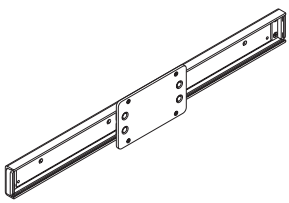
This model is a compact type.



Model FBW 3590R

Specification Table⇒B-536

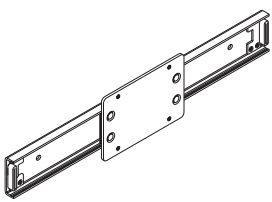
This model is a standard type.



Model FBW 50110R

Specification Table⇒B-537

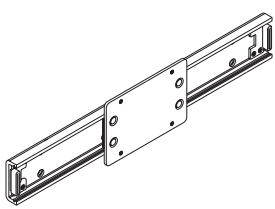
This model is a heavy load type.



Model FBW 50110H

Specification Table⇒B-537

This model is a high rigidity type.



Clearance

Model FBW is manufactured to the following accuracies.
Vertical clearance: 0.03 mm or less
Horizontal clearance: 0.1 mm or less
These specifications are values when the slide rail is attached to a rigid base.

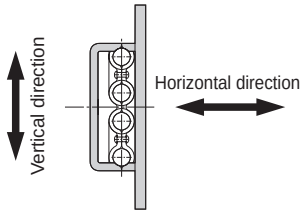


Fig.2

Contamination Protection

For Slide Pack model FBW-R (H), a special synthetic rubber seal with high contamination protection characteristics, capable of preventing foreign material from entering the slider and the lubricant from leaking, is available. The seal increases the contamination protection effect by contacting both the slide rail raceway where balls roll and the slide rail itself.

Metal Dustproof Cover

For Slide Pack model FBW, steel covers that cover the whole slide rail to prevent foreign material from entering the slide are available.
For detailed dimensions, see B-538.

Jointed Slide Rails

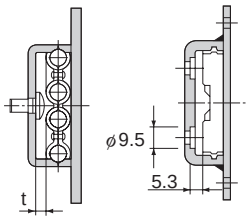
If the required specifications exceed the standard stroke, two or more slide rails can be connected. When placing an order, indicate the overall length.

Installation

[Mounting Screws of the Slide Rail]

Since the space for securing the mounting screws of the slide rail is small as shown in Fig.1, we recommend using button-head bolt or binding-head bolt (JIS B 1111 annex).

Note) The slide rail of model FBW 50110H is countersunk. We recommend mounting the slide rail using hexagonal-socket-head type bolts (M5).



Model FBW50110H

Fig.1

Unit: mm

Model No.	t
FBW 2560R	3.2
FBW 3590R	3.4
FBW 50110R	3.4
FBW 50110H	—

[Attaching the Stopper]

If the slider may overshoot and come off of the slide rail, attach the dedicated stopper to the slide rail end as shown in Fig.2.

Fig.2

[Installing the Slider]

With model FBW-R (H), balls will not fall off even if the slider is removed from the slide rail. However, they could fall if the slider is twisted when reattaching it to the slide rail. Whenever possible, do not remove the slider from the slide rail when installing the Slide Pack.

[Groove Dimensions]

Fig.3 shows the dimensions of grooves for applications where model FBW-R (H) is installed in a groove.

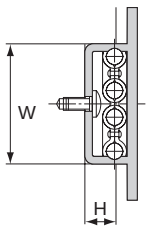


Fig.3

Unit: mm

Model No.	W	H
FBW 2560R	24.8 +0.15 +0.1	7.4
FBW 3590R	37 +0.15 +0.1	10
FBW 50110R	50 +0.15 +0.1	10
FBW 50110H	54.4 +0.15 +0.1	13

Lubrication

Apply high-quality lithium soap group grease to the raceway of the slide rail before using the product.

Precautions on Use

[Handling]

(1) Disassembling components may cause dust to enter the system or degrade mounting accuracy of parts. Do not disassemble the product.
(2) Tilting the slider or slide rail may cause them to fall by their own weight.
(3) Dropping or hitting the Slide Pack may damage it. Giving an impact to the Slide Pack could also cause damage to its function even if the product looks intact.

[Lubrication]

(1) Apply high-quality lithium soap group grease to the raceway of the slide rail before using the product.
(2) Do not mix lubricants of different physical properties.

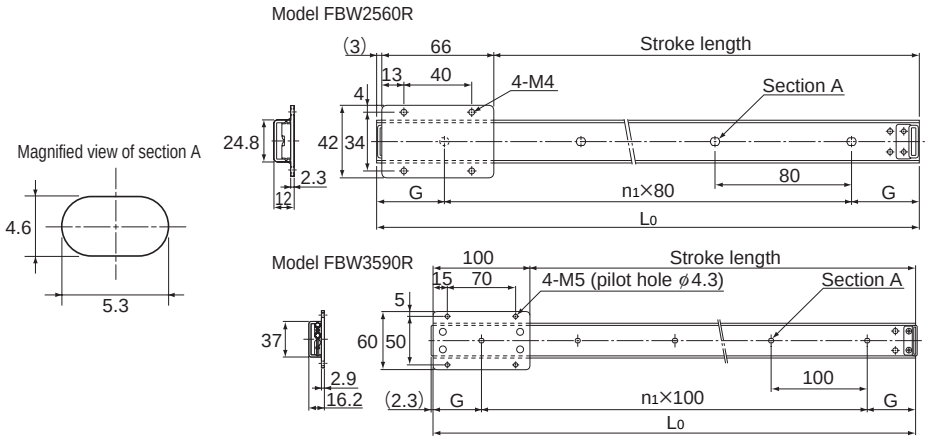
[Precautions on Use]

(1) The static permissible load of the Slide Pack varies according to the direction.
(2) Entrance of foreign material may cause damage to the ball circulating component or functional loss. Prevent foreign material, such as dust or cutting chips, from entering the system.
(3) If foreign material such as dust or cutting chips adheres to the product, replenish the lubricant after cleaning the product with pure white kerosene.
(4) Avoid using the product at other than normal temperature, or using it in harsh conditions such as intensive reciprocations that generate frictional heat and environments with water or dust.
(5) When using the Slide Pack with inverted mount, breakage of the slider due to an accident or the like may cause balls to fall and the slider to come off from the slide rail and fall. In these cases, take preventive measures such as adding a safety mechanism for preventing such falls.
(6) When you remove the slider from the slide rail and then reassemble them, inserting the slide rail into the slider while twisting them may cause balls to fall or damage the slider. Be sure to gently insert the rail straight into the slider while checking the position of the slider balls and that of the rail raceway.

[Storage]

When storing the Slide Pack, enclose it in a package designated by THK and store it while avoiding high temperature, low temperature and high humidity.

Models FBW 2560R and 3590R

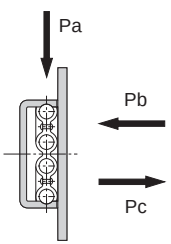


[Model FBW 2560R (Made of Stainless Steel)]

Unit: mm

Slide rail length L_0	Main dimensions		Stroke length		Slide rail mass g (70)
	n_1	G	Without seal	With seal	
160	1	40	88	83	70
240	2	40	168	163	110
320	3	40	248	243	140
400	4	40	328	323	180
480	5	40	408	403	210
560	6	40	488	483	250
640	7	40	568	563	290
720	8	40	648	643	320
800	9	40	728	723	360
880	10	40	808	803	390
960	11	40	888	883	430
1040	12	40	968	963	460
1200	14	40	1128	1123	540

Note) THK also manufactures a long-size type at your request.
The values in the parentheses each indicate a slider mass.



[Model FBW 3590R]

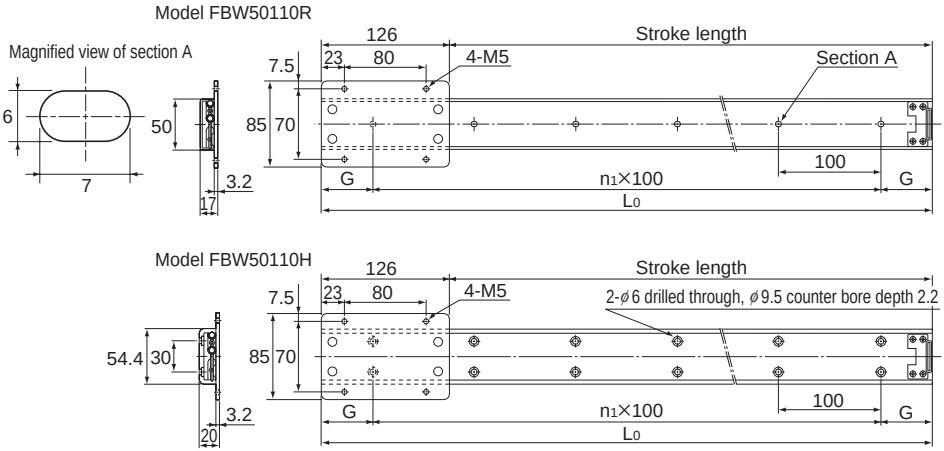
Unit: mm

Slide rail length L_0	Main dimensions		Stroke length		Slide rail mass g (250)
	n_1	G	Without seal	With seal	
300	2	50	200	195	260
350	3	25	250	245	300
400	3	50	300	295	350
450	4	25	350	345	390
500	4	50	400	395	430
550	5	25	450	445	480
600	5	50	500	495	520
650	6	25	550	545	560
700	6	50	600	595	600
750	7	25	650	645	650
800	7	50	700	695	690
900	8	50	800	795	780
1000	9	50	900	895	860
1200	11	50	1100	1095	1000
1500	14	50	1400	1395	1300
1800	17	50	1700	1695	1600

Table1 Static Permissible Load Unit: N

Model No.	Static permissible load		
	Pa	Pb	Pc
FBW 2560R	590	150	70
FBW 3590R	880	200	100
FBW 50110R	1960	500	390
FBW 50110H			

Models FBW 50110R and 50110H



[Models FBW 50110R and 50110H]

Unit: mm

Slide rail length L_0	Main dimensions		Stroke length		Slide rail mass g	
	n_1	G	Without seal	With seal	FBW50110R (420)	FBW50110H (420)
300	2	50	170	164	360	740
350	3	25	220	214	420	870
400	3	50	270	264	480	990
450	4	25	320	314	540	1100
500	4	50	370	364	600	1200
600	5	50	470	464	720	1400
700	6	50	570	564	840	1700
800	7	50	670	664	960	2000
900	8	50	770	764	1100	2200
1000	9	50	870	864	1200	2500
1200	11	50	1070	1064	1400	3000
1500	14	50	1370	1364	1800	3700
1800	17	50	1670	1664	2200	4400

Note) THK also manufactures a long-size type at your request.
The values in the parentheses each indicate a slider mass.

Model number coding

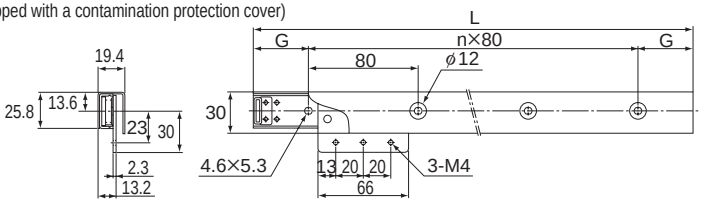
2 FBW50110R UU +800L - T

- 2: No. of sliders connected on the same rail (no symbol for a single slider)
- FBW50110R: Model number
- UU: With seal (no symbol for without seal)
- +800L: Overall slide rail length (in mm)
- T: Jointed slide rails symbol

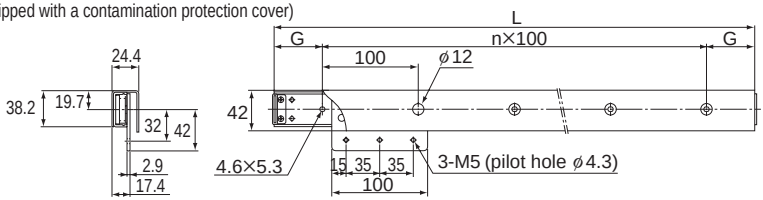
Metal Dustproof Cover

For Slide Pack model FBW, steel covers that cover the whole slide rail to prevent foreign material from entering the slide are available.

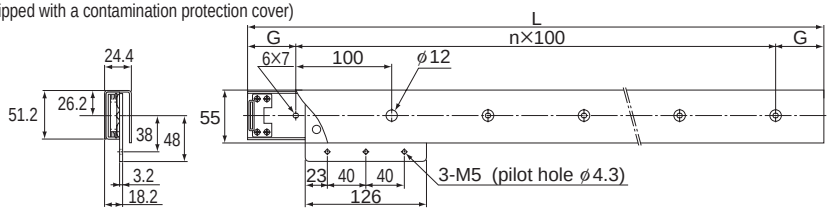
Model FBW2560RG
(Equipped with a contamination protection cover)



Model FBW3590RG
(Equipped with a contamination protection cover)



Model FBW50110RG
(Equipped with a contamination protection cover)



Note) For models equipped with a contamination protection cover, the rubber seal is not available.

Installation

[Groove Dimensions]

Fig.1 shows the dimensions of grooves for applications where model FBW-R (H) is installed in a groove.

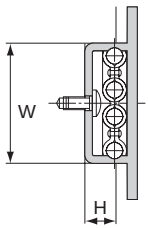


Fig.1

Unit: mm

Model No.	W		H
FBW 2560R	24.8	+0.15 +0.1	7.4
FBW 3590R	37	+0.15 +0.1	10
FBW 50110R	50	+0.15 +0.1	10
FBW 50110H	54.4	+0.15 +0.1	13

Features of the Slide Rail

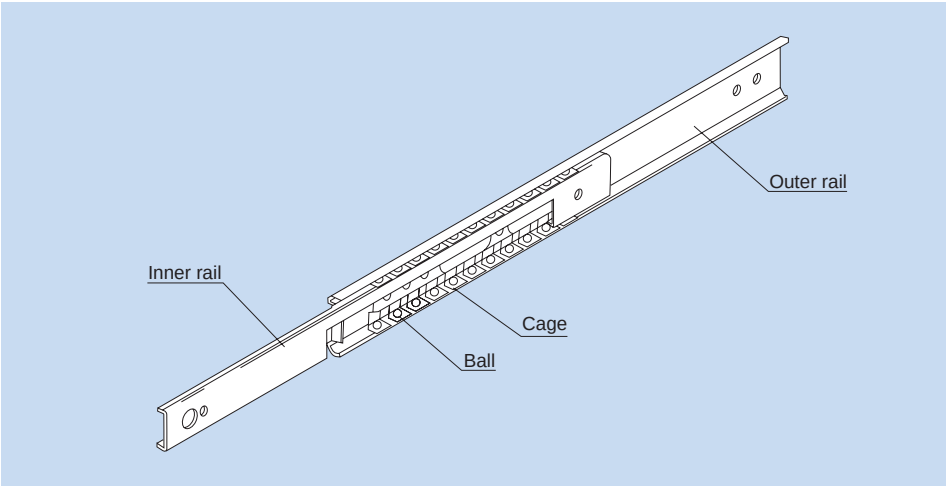


Fig.1 Structure of Slide Rail Model FBL

Structure and Features

Slide Rail model FBL is a thin, compact, lightweight and ultra-low price slide unit for finite motion. It has two rows of balls placed between an inner rail (made of a steel sheet roll-formed with precision) and an outer rail. The balls are evenly spaced by a cage press-molded with precision, thus eliminating friction between balls and achieving a smooth slide mechanism.
Since model FBL achieves smooth straight motion with easy installation, it can be used in a wide range of applications such as photocopiers, measuring instruments, telecommunication equipment, medical equipment, automatic vending machines and various types of office equipment.

[Unit Type That Allows Easy Installation]
Since the clearance and the motion of the slide unit are optimally adjusted, simply mounting the unit onto the base or the table using screws will achieve a slide mechanism with virtually no running noise.

[Thin and Compact]
Since the sectional shape is thin designed, this slide pack only requires a small side space for installation. In addition, a desired number of slide pack units can be installed in parallel according to the load conditions.

[Maintenance-free Operation]
Since the slide rail is treated with zinc plating, it is highly corrosion resistant. In addition, the slide unit contains lithium soap-based grease, which is highly stable against oxidation.

Types of the Slide Rail

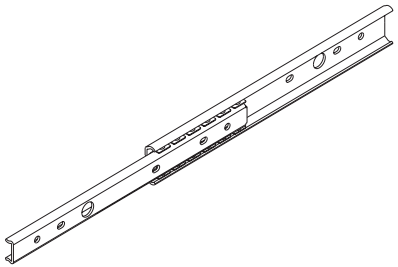
Types and Features

[Single Slides for Light Load]

Model FBL 27S

Specification Table⇒B-542

The most compact slide rail from THK.

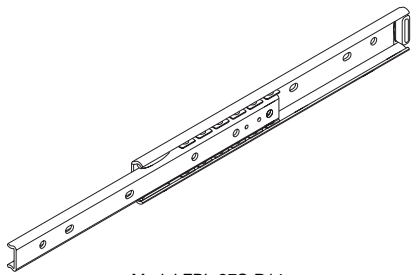


Model FBL 27S

Model FBL 27S-P14

Specification Table⇒B-543

An inner rail pulling type of model FBL 27S. Releasing the automatic free disconnection spring attached on the inner rail allows the slide rail to be pulled out. When stored, the spring is automatically released unidirectionally under a certain pressure.

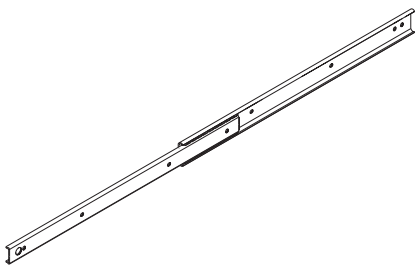


Model FBL 27S-P14

Model FBL 35S

Specification Table⇒B-544

A single slide type of Slide Rail with the most fundamental shape.

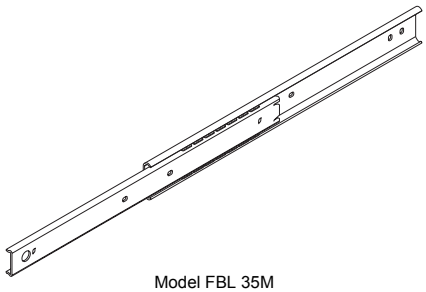


Model FBL 35S

Model FBL 35M

Specification Table⇒B-545

An inner rail pulling type of model FBL 35S. It stops by frictional resistance when the slide rail is fully opened, and is pulled out when being pulled further with force.
(brake-stop type)

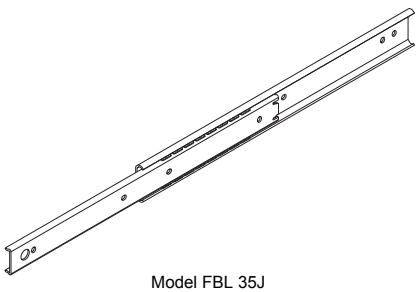


Model FBL 35M

Model FBL 35J

Specification Table⇒B-546

Based on model FBL 35M, this model has a lead ball that serves as a guide when the inner rail is inserted.

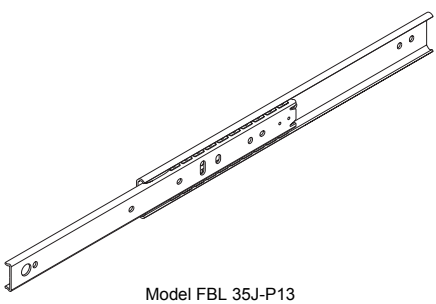


Model FBL 35J

Model FBL 35J-P13

Specification Table⇒B-547

An inner rail pulling type of model FBL 35S. Releasing the disconnection spring attached on the inner rail allows the slide rail to be pulled out. When folded, the locked state with the disconnect spring is manually released.

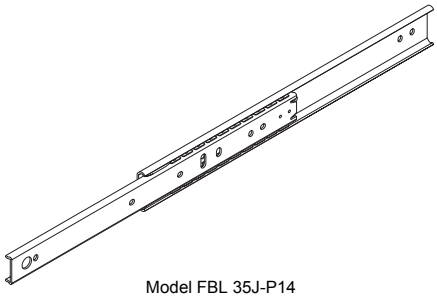


Model FBL 35J-P13

Model FBL 35J-P14

Specification Table⇒B-548

An inner rail pulling type of model FBL 35S. Releasing the automatic free disconnection spring attached on the inner rail allows the slide rail to be pulled out. When stored, the spring is automatically released unidirectionally under a certain pressure.

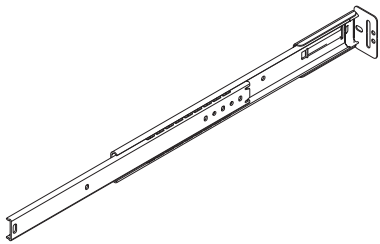


Model FBL 35J-P14

Model FBL 35B

Specification Table⇒B-549

A brake-stop type of model FBL 35M. It can be mounted on the bottom face of a moving object when used.



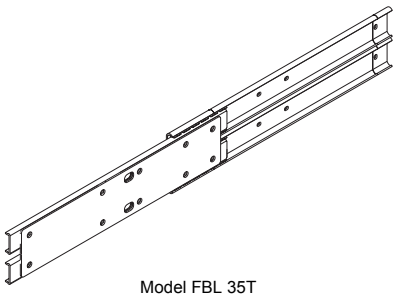
Model FBL 35B

[Single Slides for Medium Load]

Model FBL 35T

Specification Table⇒B-550

A single slide combining two units of model FBL 35S. When folded, the locked state with the disconnect spring is manually released.



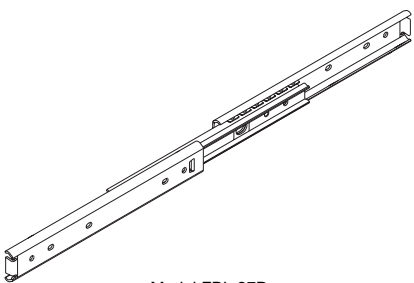
Model FBL 35T

[Double Slides for Light Load]

Model FBL 27D

Specification Table⇒B-551

A double-slide type that combines two units of model FBL 27S back-to-back. It is widely used in various types of OA equipment.

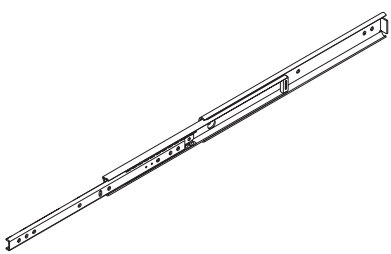


Model FBL 27D

Model FBL 35E-P14

Specification Table⇒B-552

A three-rail, double-slide type that allows a long stroke in a small space. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state is automatically released under a certain pressure in the folding direction.



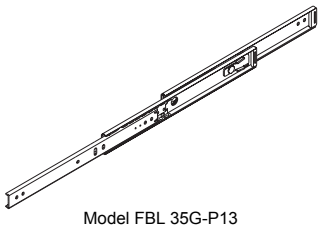
Model FBL 35E-P14

[Double Slides for Medium Load]

Model FBL 35G-P13

Specification Table⇒B-553

A double-slide type that combines two units of model FBL 35S front-to-front. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state with the disconnect spring is manually released. It is also equipped with a pull-lock mechanism that functions when the slide rail is fully opened.

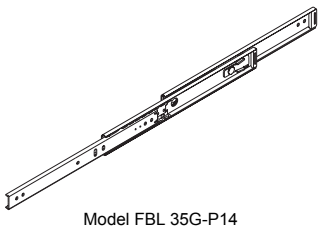


Model FBL 35G-P13

Model FBL 35G-P14

Specification Table⇒B-554

A double-slide type that combines two units of model FBL 35S front-to-front. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the lock state with the disconnect spring can automatically be released under a certain pressure in the folding direction. It is also equipped with a pull-lock mechanism that functions when the slide rail is fully opened.

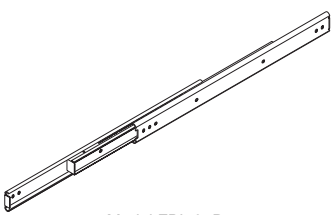


Model FBL 35G-P14

Model FBL 35D

Specification Table⇒B-555

A double-slide type that combines two units of model FBL 35S back-to-back. It is extensively used regardless of the industry.

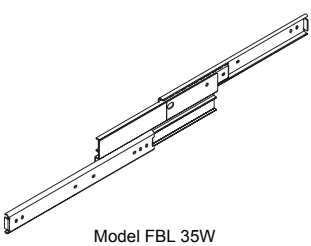


Model FBL 35D

Model FBL 35W

Specification Table⇒B-556

A double-slide type based on model FBL 35S that achieves a thickness of one single-slide unit.

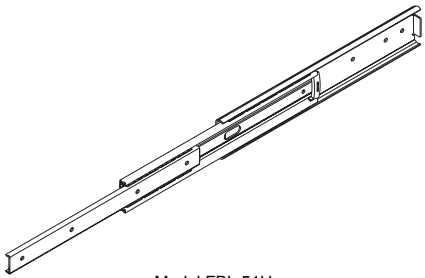


Model FBL 35W

Model FBL 51H

Specification Table⇒B-557

A three-rail, double-slide type that allows for a long stroke. With the smallest thickness, this model can be used in a space-saving location even under a large load.

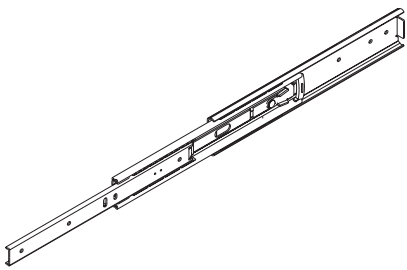


Model FBL 51H

Model FBL 51H-P13

Specification Table⇒B-558

A three-rail, double-slide type that allows a long stroke. With the smallest thickness, this model can be used in a space-saving location even under a large load. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state with the disconnect spring is manually released. It is also equipped with a lock mechanism that functions when the slide rail is fully opened.

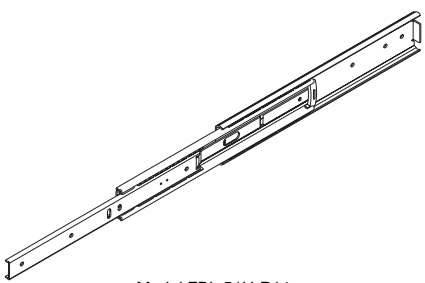


Model FBL 51H-P13

Model FBL 51H-P14

Specification Table⇒B-559

A three-rail, double-slide type that allows a long stroke. With the smallest thickness, this model can be used in a space-saving location even under a large load. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state is automatically released under a certain pressure in the folding direction.



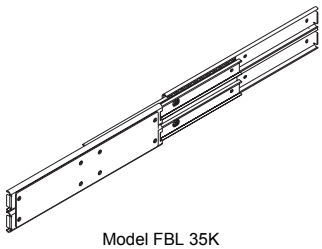
Model FBL 51H-P14

[Double Slides for Heavy Load]

Model FBL 35K

Specification Table⇒B-560

A double-slide type combining 4 units of model FBL 35S. It achieves the largest permissible load among all types and is optimal for opening/closing heavy objects.

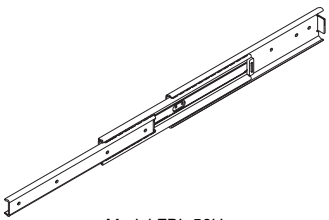


Model FBL 35K

Model FBL 56H

Specification Table⇒B-561

A double-slide type with the largest permissible load among the three rails. It is used extensively in various types of OA furniture.

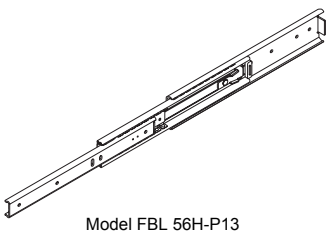


Model FBL 56H

Model FBL 56H-P13

Specification Table⇒B-562

A double-slide type with the largest permissible load among the three rails. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state with the disconnect spring is manually released. It is also equipped with a lock mechanism that functions when the slide rail is fully opened.

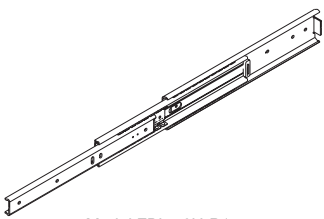


Model FBL 56H-P13

Model FBL 561H-P14

Specification Table⇒B-563

A double-slide type with the largest permissible load among the three rails. Releasing the automatic free disconnection spring attached on the inner rail allows the inner rail to be pulled out. When folded, the locked state is automatically released under a certain pressure in the folding direction.



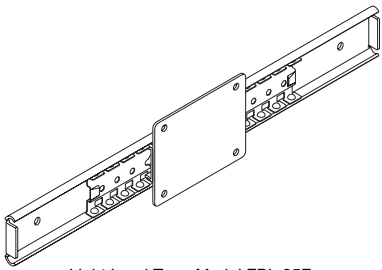
Model FBL 56H-P14

[Linear Type Slides]

Light Load Type Model FBL 35F

Specification Table⇒B-564

Using a flange type that can easily be mounted, this slide-type model is capable of performing straight, finite motion.

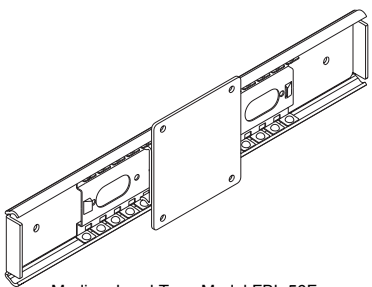


Light Load Type Model FBL 35F

Medium Load Type Model FBL 56F

Specification Table⇒B-565

Using a flange type that can easily be mounted, this slide-type model is capable of performing straight, finite motion. It is optimal for locations under a large working load.



Medium Load Type Model FBL 56F

Heavy Load Type Model FBL 48DR

Specification Table⇒B-566

A heavy-load, low-friction slide rail developed for sliding heavy doors.

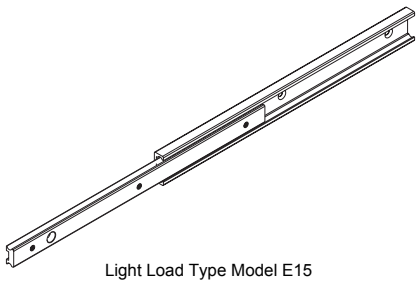
Heavy Load Type Model FBL 48DR

[Aluminum Alloy Slide Rail]

Light Load Type Model E15

Specification Table⇒B-567

The lightest and most compact single slide in the aluminum alloy series. It is especially suitable for locations with magnetism, locations requiring antirust measures and locations where much importance is given to appearance.

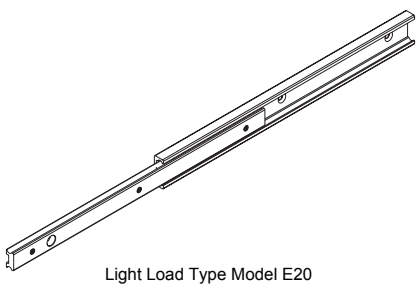


Light Load Type Model E15

Light Load Type Model E20

Specification Table⇒B-568

A single-slide with the most fundamental shape in the aluminum alloy series. It is especially suitable for locations with magnetism, locations requiring antirust measures and locations where much importance is given to appearance.

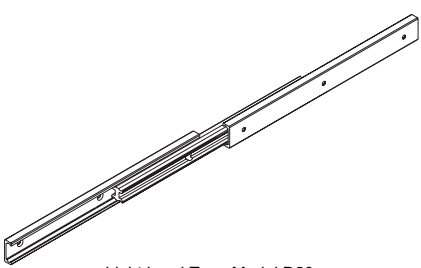


Light Load Type Model E20

Light Load Type Model D20

Specification Table⇒B-569

The lightest and most compact double slides in the aluminum alloy series. It is especially suitable for locations with magnetism, locations requiring antirust measures and locations where much importance is given to appearance.



Light Load Type Model D20

Classification Table for Slide Rails

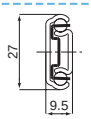
Slide Rail

Single Slide

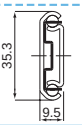
For Light Load

Model FBL27S

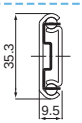
Model FBL27S-P14



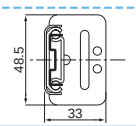
Model FBL35S



Model FBL35M



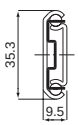
Model FBL35B



Model FBL35J

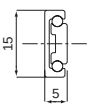
Model FBL35J-P13

Model FBL35J-P14



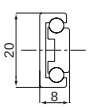
Model E15

(Made of Aluminum)



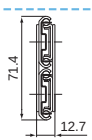
Model E20

(Made of Aluminum)



For Medium Load

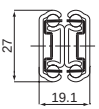
Model FBL35T



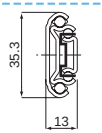
Double Slide

For Light Load

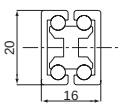
Model FBL27D



Model FBL35E-P14



Model D20 (Made of Aluminum)

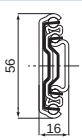


For Heavy Load

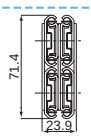
Model FBL56H

Model FBL56H-P13

Model FBL56H-P14



Model FBL35K

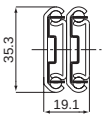


Linear Type Slide

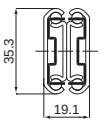
For Medium Load

Model FBL35G-P13

Model FBL35G-P14



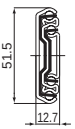
Model FBL35D



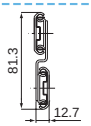
Model FBL51H

Model FBL51H-P13

Model FBL51H-P14

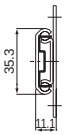


Model FBL35W



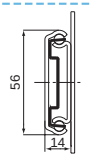
For Light Load

Model FBL35F



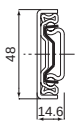
For Medium Load

Model FBL56F



For Heavy Load

Model FBL48DR



Mounting the Slide Rail

[Mounting Screws of the Slide Rail]

The slide rail is designed to be mounted using M4 screws. Since the mounting space is small as shown in Fig.1, we recommend using button-head bolt or binding-head bolt (JIS B 1111 annex).

Note) For models FBL27S/27S-P14/27D, use M4 binding-head bolt, or M3 button-head bolt or binding-head bolt.
Note) For model FBL48DR, use M5×8 mounting screw.
Note) For model E15, use M2.6 countersunk screw.
Note) For models E20 and D20, use M3 countersunk screw.
Note) For model FBL 35E, use M3 button-head bolts or binding-head bolts.

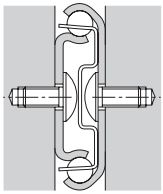


Fig.1

[Attaching the Slide Rail]

While keeping the maximum stroke, mount the outer rail at the section where the inner rail and the outer rail overlap, slide the inner rail backward, and then secure the rail using a screw through the access hole.

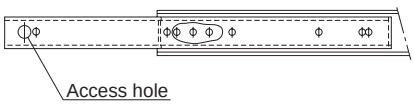


Fig.2

[Permissible Load and Mounting Orientation]

For use other than with the mounting orientation shown in Fig.3, contact THK.

The permissible load of the Slide Rail indicates the load in the direction Pa that two rails can receive in the middle of the inner rail length at the maximum stroke.

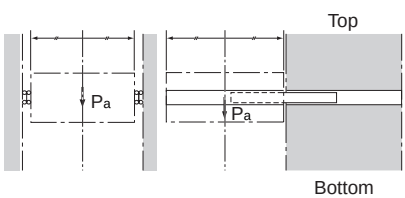


Fig.3

[Surface Treatment]

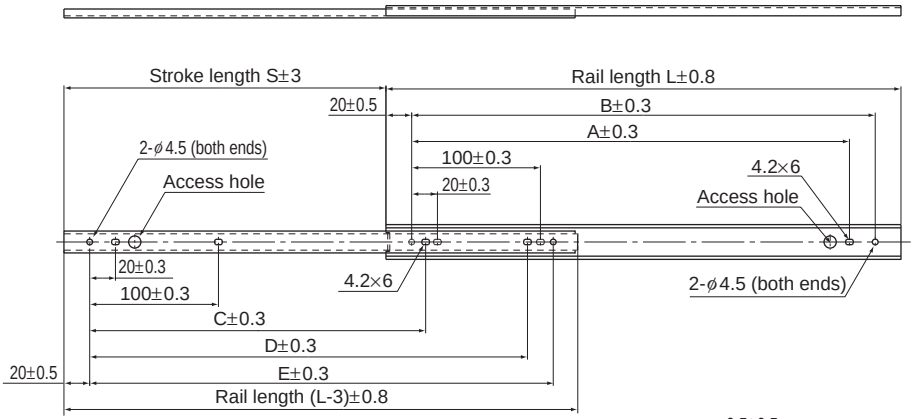
The surface of the Slide Rail is treated with electro-galvanizing (gloss chromate treatment) as standard. Colored chromate treatment and chrome plating are also available. Contact THK for details.

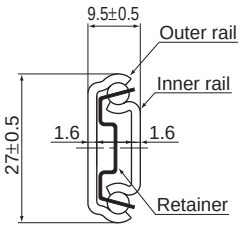
[Handling]
(1) Tilting a slide rail may cause it to fall by its own weight.
(2) Dropping or hitting the Slide Rail may damage it. Giving an impact force to the slide rail could also cause damage even if the product looks intact.

[Precautions on Use]
(1) When mounting the Slide Rail, use care to always keep both rails in parallel.
(2) Entrance of foreign material may cause damage to the Slide Rail or functional loss.
(3) Avoid using the product at other than normal temperature, or using it in harsh conditions such as intensive reciprocations that generate frictional heat and environments with water or dust.
(4) The durability of the Slide Rail varies depending on factors such as the drawing dimension, travel distance, mounting conditions and environment in addition to operating frequency. Take these factors into account when making a selection.

[Storage]
When storing the Slide Rail, avoid high temperature, low temperature and high humidity.

Model FBL 27S





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions					Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	Inner rail	Outer rail		
200	135	140.0	160.0	—	140.0	160.0	5	5	260	0.32
250	185	190.0	210.0	150.0	190.0	210.0	6	5	240	0.40
300	222	240.0	260.0	190.0	240.0	260.0	6	5	240	0.48
350	260	290.0	310.0	225.0	290.0	310.0	6	5	230	0.56
400	297	340.0	360.0	265.0	340.0	360.0	6	5	210	0.64
450	334	390.0	410.0	300.0	390.0	410.0	6	5	200	0.72
500	371	440.0	460.0	337.0	440.0	460.0	6	5	180	0.80

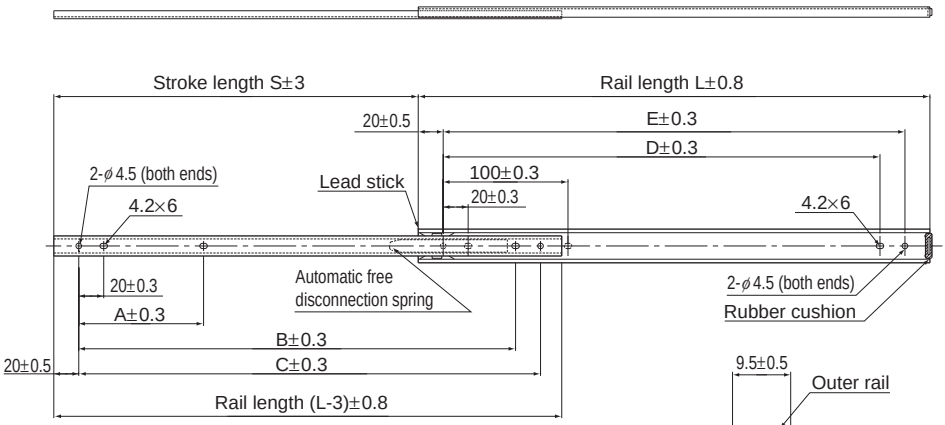
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

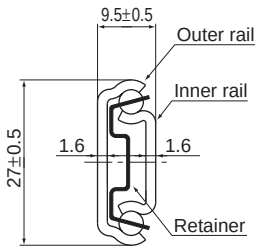
Model number coding

FBL27S +300L

Model number — Overall rail length (in mm)

Model FBL 27S-P14





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions					Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	Inner rail	Outer rail		
200	116	65.0	—	170.0	140.0	160.0	4	5	260	0.32
250	152	100.0	—	210.0	190.0	210.0	4	5	240	0.40
300	202	100.0	—	260.0	240.0	260.0	4	5	240	0.48
350	251	100.0	—	310.0	290.0	310.0	4	5	230	0.56
400	297	100.0	—	360.0	340.0	360.0	4	5	210	0.64
450	332	100.0	390.0	410.0	390.0	410.0	5	5	210	0.72
500	371	100.0	440.0	460.0	440.0	460.0	5	5	200	0.80
550	407	100.0	490.0	510.0	490.0	510.0	5	5	180	0.80

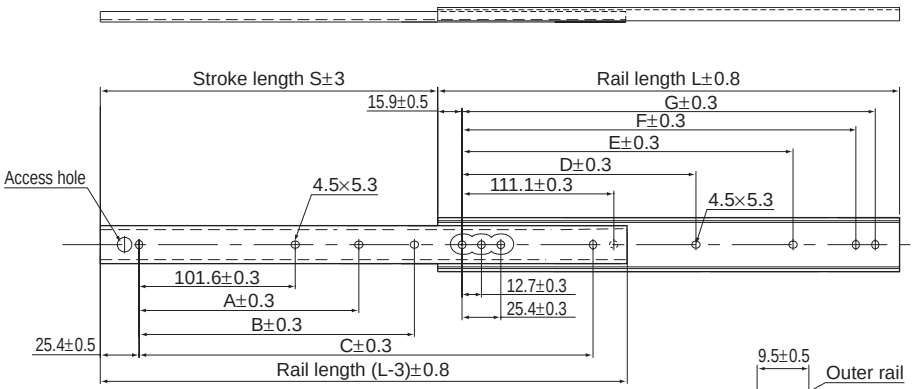
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

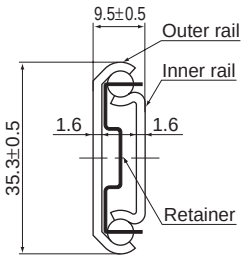
Model number coding

FBL27S-P14 +500L

Model number — Overall rail length (in mm)

Model FBL 35S





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	229	—	152.4	254.0	—	149.2	260.3	273.0	4	7	490	0.6
356	279	—	203.2	304.8	—	200.0	311.1	323.8	4	7	400	0.7
406	305	—	254.0	355.6	—	250.8	361.9	374.6	4	7	390	0.8
457	330	203.2	304.8	406.4	212.7	301.6	412.7	425.4	5	8	380	0.9
508	381	228.6	355.6	457.2	238.1	352.4	463.5	476.2	5	8	330	1.0
559	406	254.0	406.4	508.0	263.5	403.2	514.3	527.0	5	8	320	1.1
610	432	279.4	457.2	558.8	288.9	454.0	565.1	577.8	5	8	310	1.2
660	483	304.8	508.0	609.6	314.3	504.8	615.8	628.6	5	8	280	1.3
711	508	330.2	558.8	660.4	339.7	555.6	666.7	679.4	5	8	270	1.4

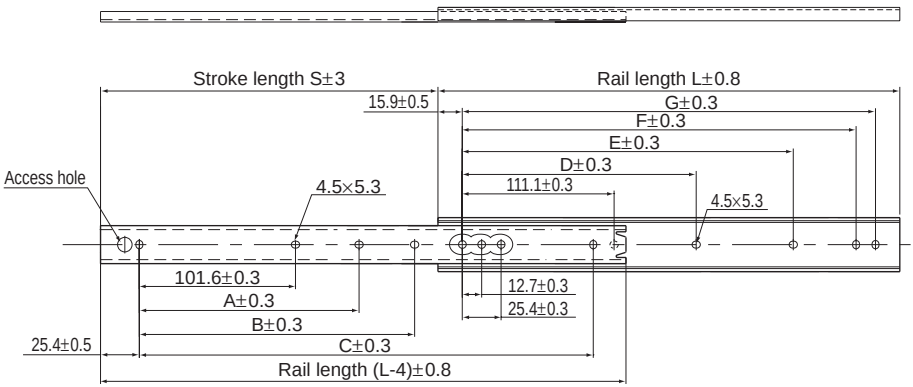
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

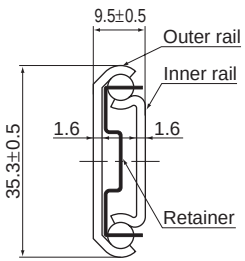
Model number coding

FBL35S +457L

Model number — Overall rail length (in mm)

Model FBL 35M





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	229	—	152.4	254.0	—	149.2	260.3	273.0	4	7	490	0.6
356	279	—	203.2	304.8	—	200.0	311.1	323.8	4	7	400	0.7
406	305	—	254.0	355.6	—	250.8	361.9	374.6	4	7	390	0.8
457	330	203.2	304.8	406.4	212.7	301.6	412.7	425.4	5	8	380	0.9
508	381	228.6	355.6	457.2	238.1	352.4	463.5	476.2	5	8	330	1.0
559	406	254.0	406.4	508.0	263.5	403.2	514.3	527.0	5	8	320	1.1
610	432	279.4	457.2	558.8	288.9	454.0	565.1	577.8	5	8	310	1.2
660	483	304.8	508.0	609.6	314.3	504.8	615.9	628.6	5	8	280	1.3
711	508	330.2	558.8	660.4	339.7	555.6	666.7	679.4	5	8	270	1.4

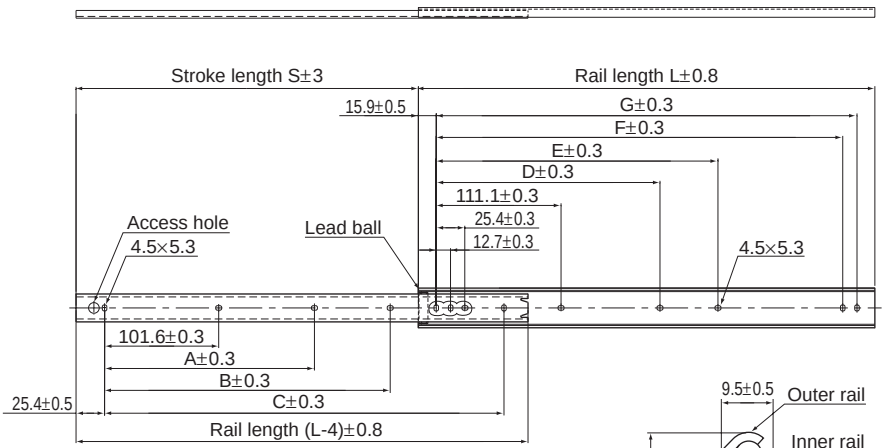
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

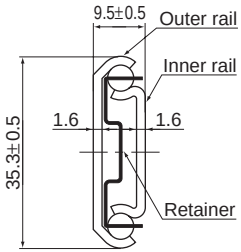
Model number coding

FBL35M +406L

Model number — Overall rail length (in mm)

Model FBL 35J





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	229	—	152.4	254.0	—	149.2	260.3	273.0	4	7	490	0.6
356	279	—	203.2	304.8	—	200.0	311.1	323.8	4	7	400	0.7
406	305	—	254.0	355.6	—	250.8	361.9	374.6	4	7	390	0.8
457	330	203.2	304.8	406.4	212.7	301.6	412.7	425.4	5	8	380	0.9
508	381	228.6	355.6	457.2	238.1	352.4	463.5	476.2	5	8	330	1.0
559	406	254.0	406.4	508.0	263.5	403.2	514.3	527.0	5	8	320	1.1
610	432	279.4	457.2	558.8	288.9	454.0	565.1	577.8	5	8	310	1.2
660	483	304.8	508.0	609.6	314.3	504.8	615.9	628.6	5	8	280	1.3
711	508	330.2	558.8	660.4	339.7	555.6	666.7	679.4	5	8	270	1.4

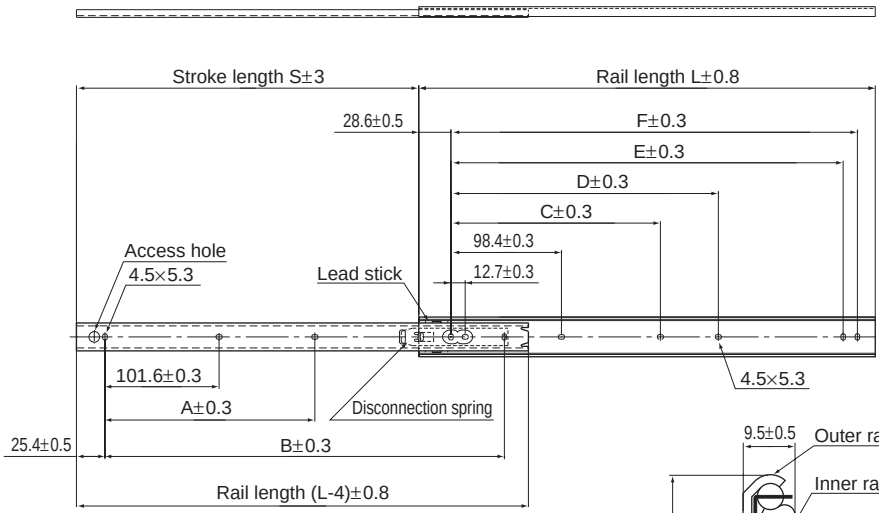
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

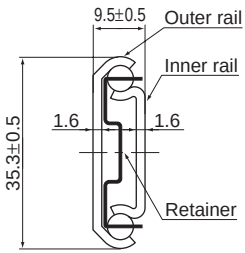
Model number coding

FBL35J +660L

Model number — Overall rail length (in mm)

Model FBL 35J-P13





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions						Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	Inner rail	Outer rail		
305	224	152.4	—	136.5	—	247.6	260.3	3	6	490	0.6
356	275	203.2	—	187.3	—	298.4	311.1	3	6	400	0.72
406	315	254.0	—	238.1	—	349.2	361.9	3	6	390	0.84
457	330	203.2	406.4	200.0	228.9	400.0	412.7	4	7	380	0.96
508	381	228.6	457.2	225.4	339.7	450.8	463.5	4	7	330	1.04
559	406	254.0	508.0	250.8	390.5	501.6	514.3	4	7	320	1.16
610	432	279.4	558.8	276.2	441.3	552.4	565.1	4	7	310	1.24
660	483	304.8	609.6	301.6	492.1	603.2	615.9	4	7	280	1.36
711	493	330.2	660.4	327.0	542.9	654.0	666.7	4	7	270	1.48

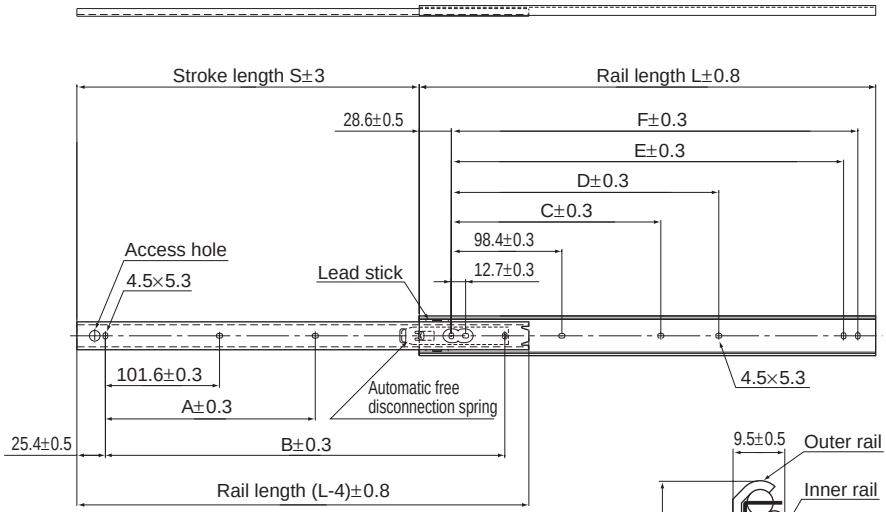
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

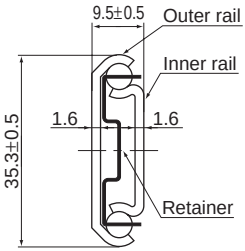
Model number coding

FBL35J-P13 +559L

Model number — Overall rail length (in mm)

Model FBL 35J-P14





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions						Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	Inner rail	Outer rail		
305	224	152.4	—	136.5	—	247.6	260.3	3	6	490	0.6
356	275	203.2	—	187.3	—	298.4	311.1	3	6	400	0.72
406	315	254.0	—	238.1	—	349.2	361.9	3	6	390	0.84
457	330	203.2	406.4	200.0	228.9	400.0	412.7	4	7	380	0.96
508	381	228.6	457.2	225.4	339.7	450.8	463.5	4	7	330	1.04
559	406	254.0	508.0	250.8	390.5	501.6	514.3	4	7	320	1.16
610	432	279.4	558.8	276.2	441.3	552.4	565.1	4	7	310	1.24
660	483	304.8	609.6	301.6	492.1	603.2	615.9	4	7	280	1.36
711	493	330.2	660.4	327.0	542.9	654.0	666.7	4	7	270	1.48

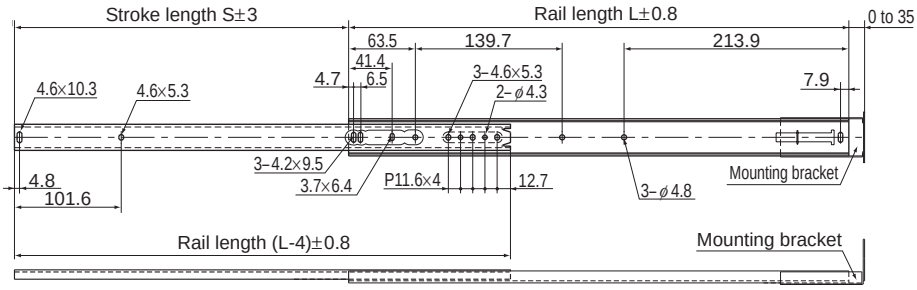
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

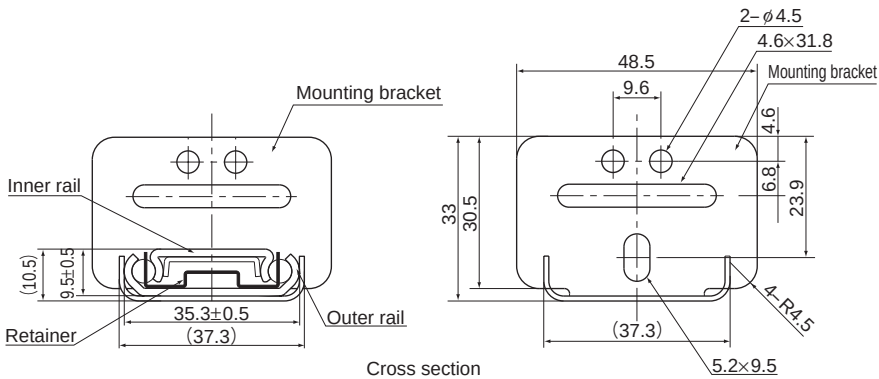
Model number coding

FBL35J-P14 +559L

Model number — Overall rail length (in mm)

Model FBL 35B





Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole		Permissible load N/pair	Mass kg/pair
		Inner rail	Outer rail		
324	216	7	7	115	0.8
375	267	7	7	105	0.92
425	305	7	7	100	1
476	318	7	7	90	1.12
527	368	7	7	83	1.24
578	419	7	7	73	1.32
629	445	7	7	66	1.44
679	495	7	7	61	1.6

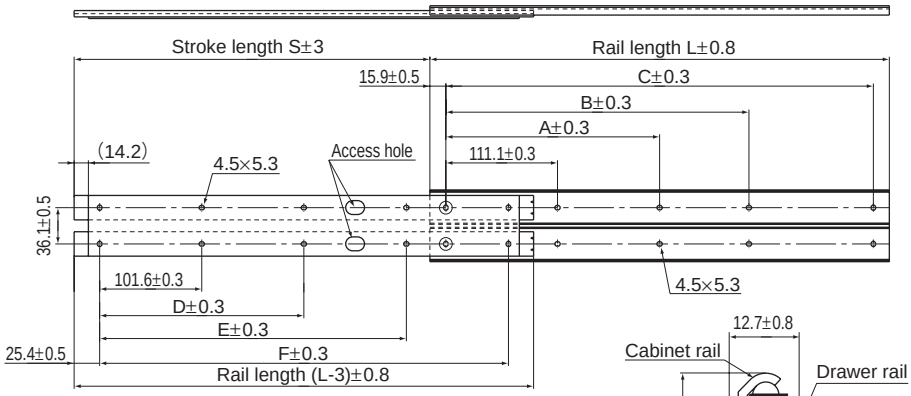
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

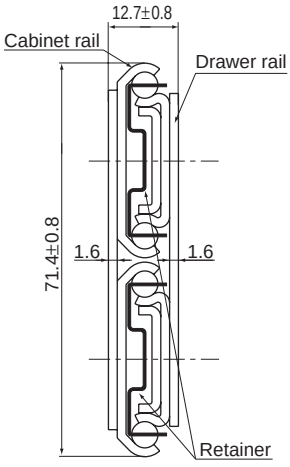
Model number coding

FBL35B +375L

Model number — Overall rail length (in mm)

Model FBL 35T





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions						Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	Inner rail	Outer rail		
305	227	—	149.2	273.0	—	152.8	254.4	4	4	1120	2.16
356	278	—	200.0	323.8	—	203.6	305.2	4	4	1070	2.56
406	303	—	250.8	374.6	—	254.4	356.0	4	4	1020	2.96
457	354	212.7	301.6	425.4	203.2	305.2	406.8	5	5	1000	3.3
508	367	238.1	352.4	476.2	228.6	356.0	457.6	5	5	971	3.64
559	430	263.5	403.2	527.0	254.0	406.8	508.4	5	5	922	4.04
610	456	288.9	454.0	577.8	279.4	457.6	559.2	5	5	873	4.32
660	468	314.3	504.8	628.6	304.8	508.4	610.0	5	5	843	4.72
711	506	339.7	555.6	679.4	330.2	559.2	660.8	5	5	784	5.1

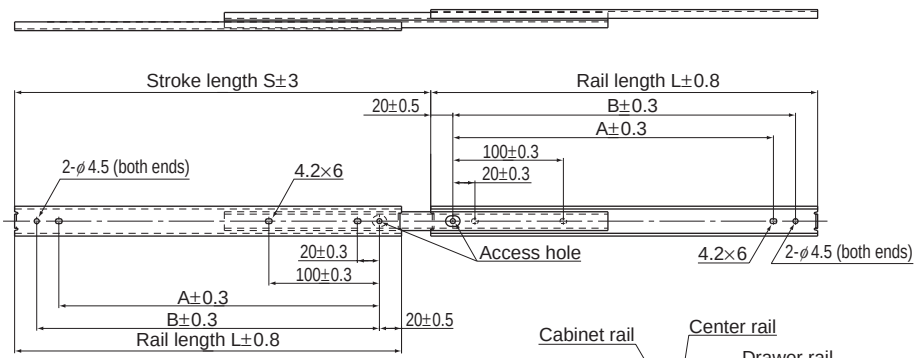
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

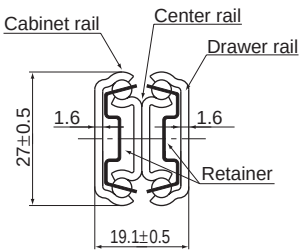
Model number coding

FBL35T +559L

Model number — Overall rail length (in mm)

Model FBL 27D





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions		Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	Drawer rail	Cabinet rail		
200	229	140.0	160.0	5	5	370	0.64
250	276	190.0	210.0	5	5	360	0.8
300	327	240.0	260.0	5	5	350	0.96
350	376	290.0	310.0	5	5	330	1.12
400	426	340.0	360.0	5	5	310	1.28
450	475	390.0	410.0	5	5	290	1.46
500	524	440.0	460.0	5	5	280	1.6

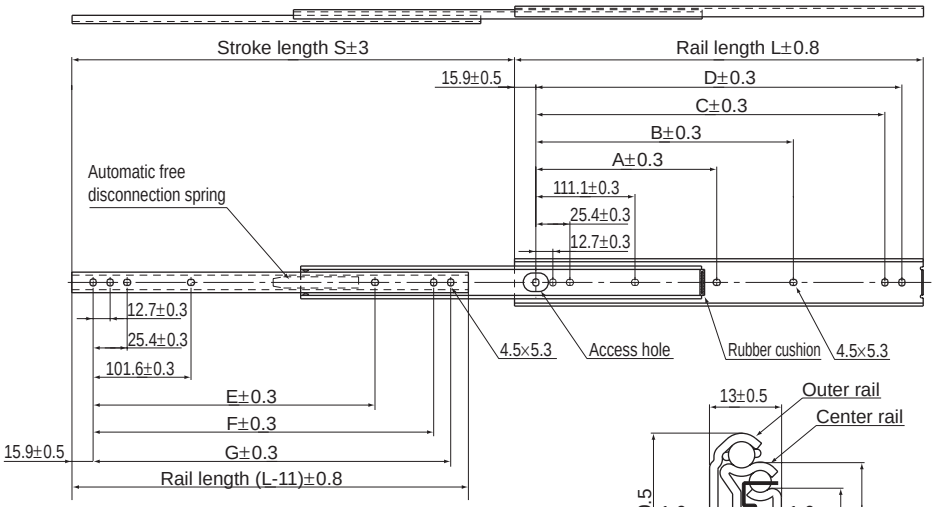
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

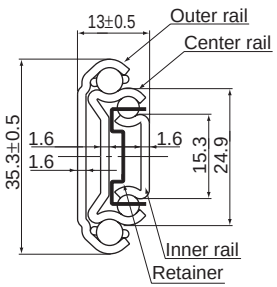
Model number coding

FBL27D +200L

Model number — Overall rail length (in mm)

Model FBL 35E-P14





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	—	149.2	260.3	273.0	233.1	254.0	266.7	7	7	294	0.88
356	381	—	200.0	311.1	323.8	258.5	304.8	317.5	7	7	284	1.04
406	432	—	250.8	361.9	374.6	283.9	355.6	368.3	7	7	275	1.16
457	483	212.7	301.6	412.7	425.4	309.3	406.4	419.1	7	8	255	1.32
508	533	238.1	352.4	463.5	476.2	334.7	457.2	469.9	7	8	235	1.48

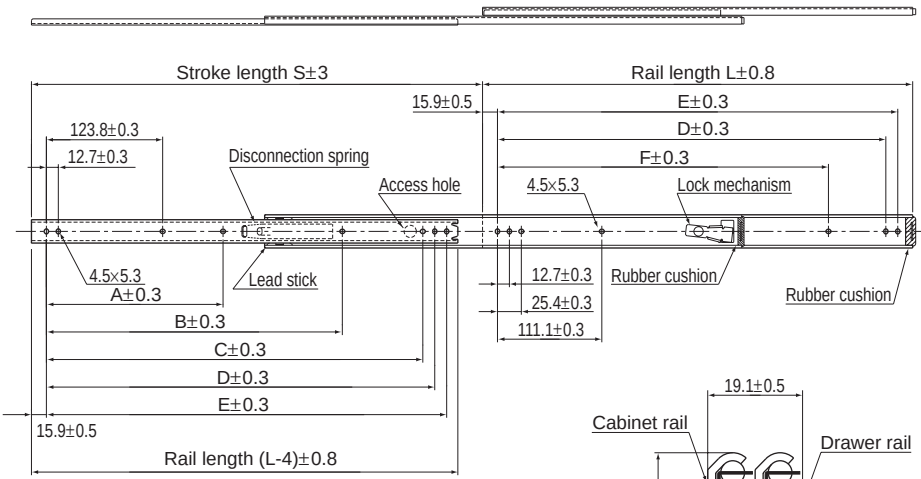
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

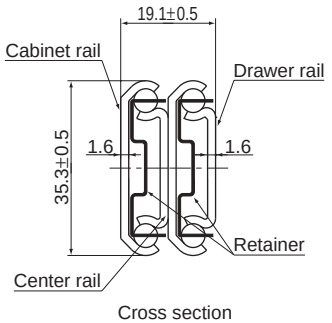
Model number coding

FBL35E-P14 +508L

Model number — Overall rail length (in mm)

Model FBL 35G-P13





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions						Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	Drawer rail	Cabinet rail		
305	327	—	—	—	260.3	273.0	—	5	6	623	1.2
356	378	—	—	298.4	311.1	323.8	—	6	6	586	1.4
406	429	—	—	349.2	361.9	374.6	250.8	6	7	555	1.6
457	480	212.7	—	400.0	412.7	425.4	301.6	7	7	516	1.8
508	530	238.1	365.1	450.8	463.5	476.2	352.4	8	7	475	2
559	581	263.5	415.9	501.6	514.3	527.0	403.2	8	7	444	2.2
610	632	288.9	466.7	552.4	565.1	577.8	454.0	8	7	413	2.4
660	683	314.3	517.5	603.2	615.9	628.6	504.8	8	7	382	2.6
711	734	339.7	568.3	654.0	666.7	679.4	555.6	8	7	355	2.8

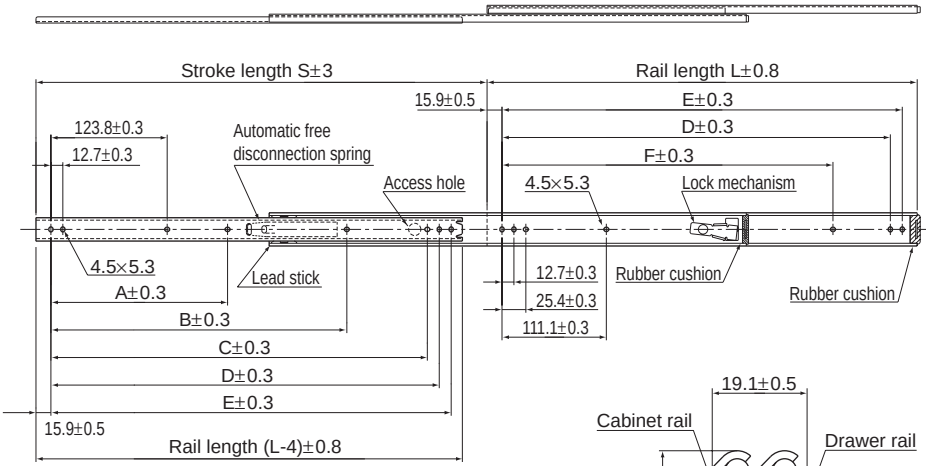
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

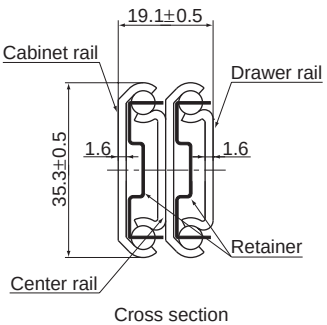
Model number coding

FBL35G-P13 +356L

Model number — Overall rail length (in mm)

Model FBL 35G-P14





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions						Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	Drawer rail	Cabinet rail		
305	327	—	—	—	260.3	273.0	—	5	6	623	1.2
356	378	—	—	298.4	311.1	323.8	—	6	6	586	1.4
406	429	—	—	349.2	361.9	374.6	250.8	6	7	555	1.6
457	480	212.7	—	400.0	412.7	425.4	301.6	7	7	516	1.8
508	530	238.1	365.1	450.8	463.5	476.2	352.4	8	7	475	2
559	581	263.5	415.9	501.6	514.3	527.0	403.2	8	7	444	2.2
610	632	288.9	466.7	552.4	565.1	577.8	454.0	8	7	413	2.4
660	683	314.3	517.5	603.2	615.9	628.6	504.8	8	7	382	2.6
711	734	339.7	568.3	654.0	666.7	679.4	555.6	8	7	355	2.8

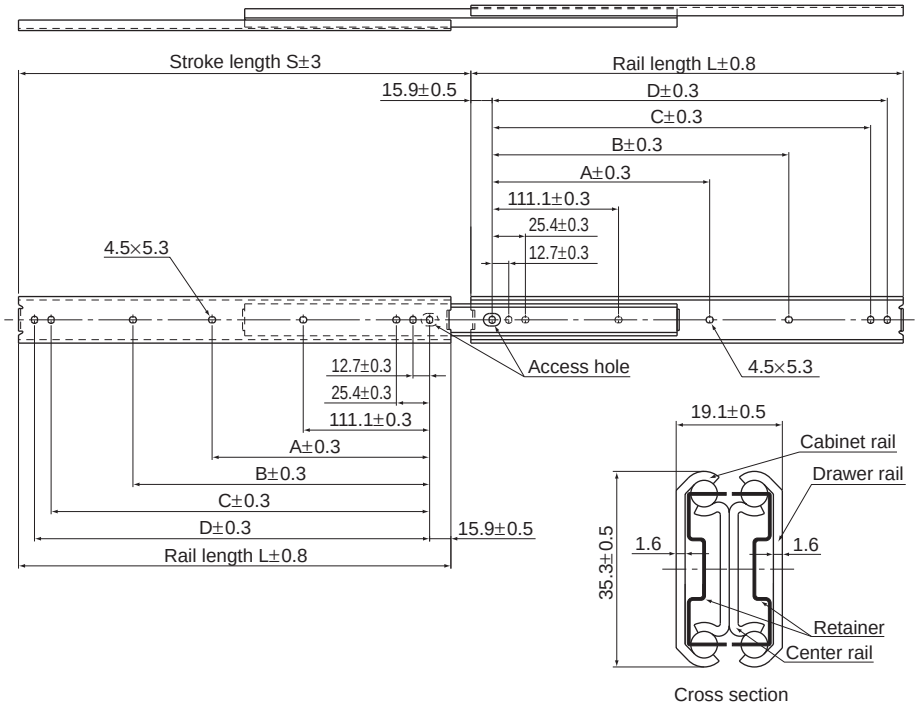
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

Model number coding

FBL35G-P14 +610L

Model number — Overall rail length (in mm)

Model FBL 35D



Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions				Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	Drawer rail	Cabinet rail		
305	327	—	149.2	260.3	273.0	7	7	588	1.28
356	378	—	200.0	311.1	323.8	7	7	578	1.48
406	429	—	250.8	361.9	374.6	7	7	559	1.72
457	480	212.7	301.6	412.7	425.4	8	8	549	1.96
508	530	238.1	352.4	463.5	476.2	8	8	529	2.12
559	581	263.5	403.2	514.3	527.0	8	8	500	2.4
610	632	288.9	454.0	565.1	577.8	8	8	480	2.56
660	683	314.3	504.8	615.9	628.6	8	8	461	2.8
711	734	339.7	555.6	666.7	679.4	8	8	441	3

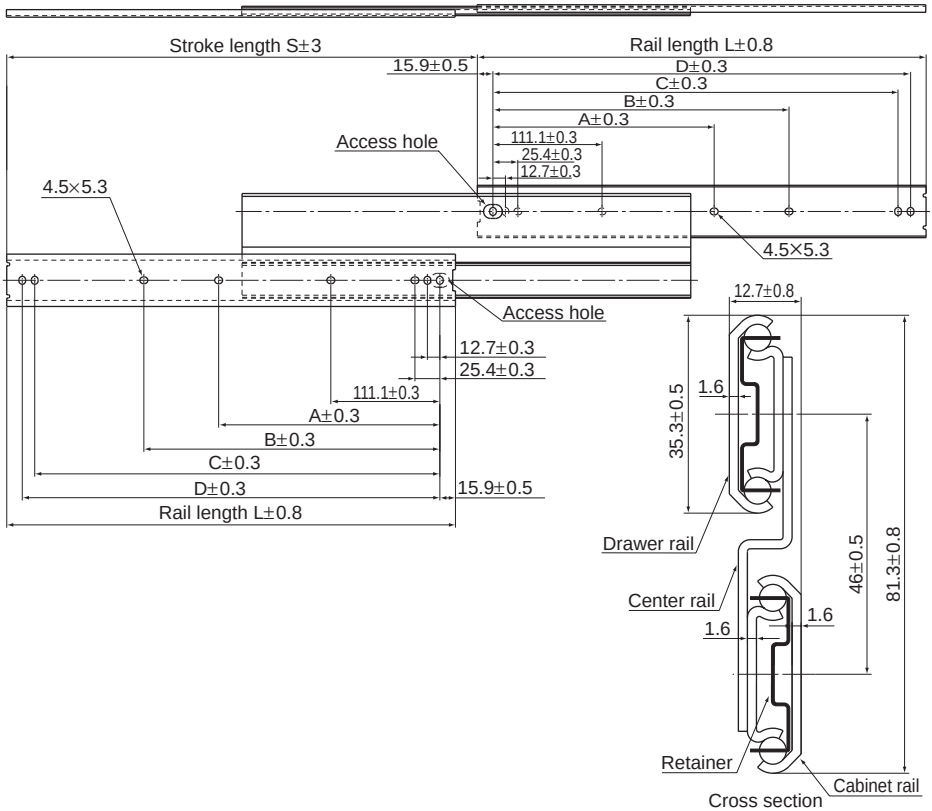
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

Model number coding

FBL35D +711L

Model number — Overall rail length (in mm)

Model FBL 35W



Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions				Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	Drawer rail	Cabinet rail		
305	327	—	149.2	260.4	273.1	7	7	706	1.68
356	378	—	200.0	311.2	323.9	7	7	676	2
406	429	—	250.8	362.0	374.7	7	7	637	2.32
457	480	225.4	301.6	412.8	425.5	8	8	598	2.64
508	530	250.8	352.4	463.6	476.3	8	8	569	2.88
559	581	276.2	403.2	514.4	527.1	8	8	520	3.2
610	632	301.6	454.0	565.2	577.9	8	8	480	3.52
660	683	327.0	504.8	616.0	628.7	8	8	422	3.84
711	734	352.4	555.6	666.8	679.5	8	8	353	4.12

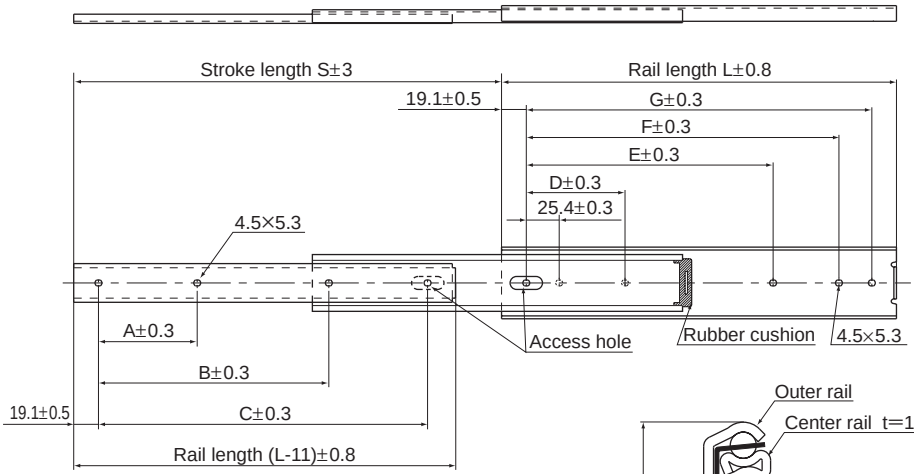
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

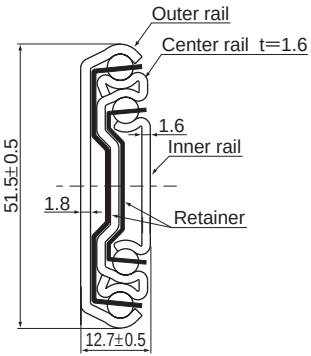
Model number coding

FBL35W +356L

Model number — Overall rail length (in mm)

Model FBL 51H





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	177.8	254.0	76.2	190.5	241.3	266.7	4	6	850	1.46
356	381	101.6	203.2	304.8	88.9	215.9	292.1	317.5	4	6	820	1.72
406	432	127.0	228.6	355.6	127.0	241.3	342.9	368.3	4	6	770	1.89
457	483	127.0	279.4	406.4	127.0	292.1	393.7	419.1	4	6	730	2.26
508	533	152.4	304.8	457.2	152.4	317.5	444.5	469.9	4	6	710	2.52
559	584	177.8	330.2	508.0	177.8	342.9	495.3	520.7	4	6	690	2.72
610	635	177.8	381.0	558.8	177.8	393.7	546.1	571.5	4	6	660	3.00
660	686	203.2	406.4	609.6	203.2	419.1	596.9	622.3	4	6	630	3.25
711	737	228.6	431.8	660.4	228.6	444.5	647.7	673.1	4	6	610	3.54
762	787	228.6	457.2	711.2	228.6	469.9	698.5	723.9	4	6	580	3.86

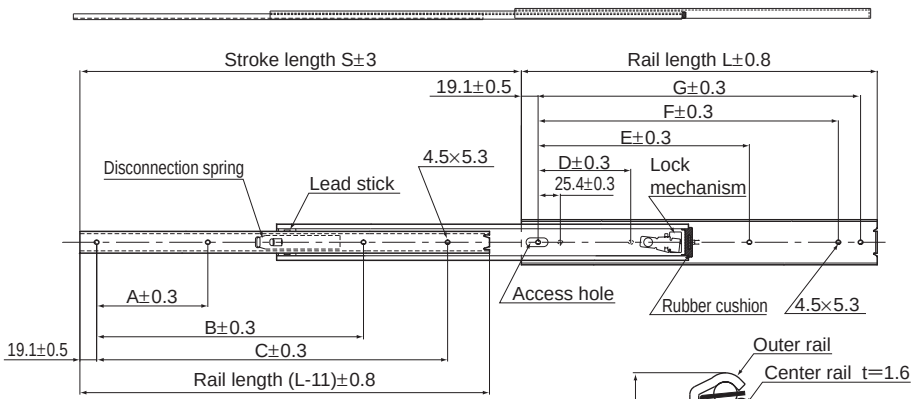
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

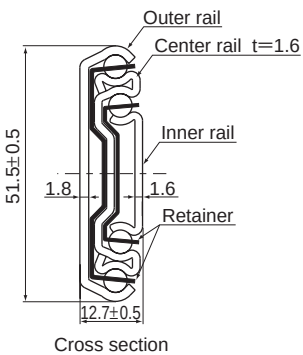
Model number coding

FBL51H +610L

Model number — Overall rail length (in mm)

Model FBL 51H-P13





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	—	190.5	76.2	190.5	241.3	266.7	3	6	850	1.46
356	381	101.6	—	266.7	88.9	215.9	292.1	317.5	3	6	820	1.72
406	432	127.0	—	304.8	127.0	241.3	342.9	368.3	3	6	770	1.89
457	483	127.0	317.5	368.3	127.0	292.1	393.7	419.1	4	6	730	2.26
508	533	152.4	355.6	406.4	152.4	317.5	444.5	469.9	4	6	710	2.52
559	584	177.8	381.0	457.2	177.8	342.9	495.3	520.7	4	6	690	2.72
610	635	177.8	430.8	508.0	177.8	393.7	546.1	571.5	4	6	660	3.00
660	686	203.2	457.2	558.8	203.2	419.1	596.9	622.3	4	6	630	3.25
711	737	228.6	508.0	609.6	228.6	444.5	647.7	673.1	4	6	610	3.54
762	787	228.6	533.4	660.4	228.6	469.9	698.5	723.9	4	6	580	3.86

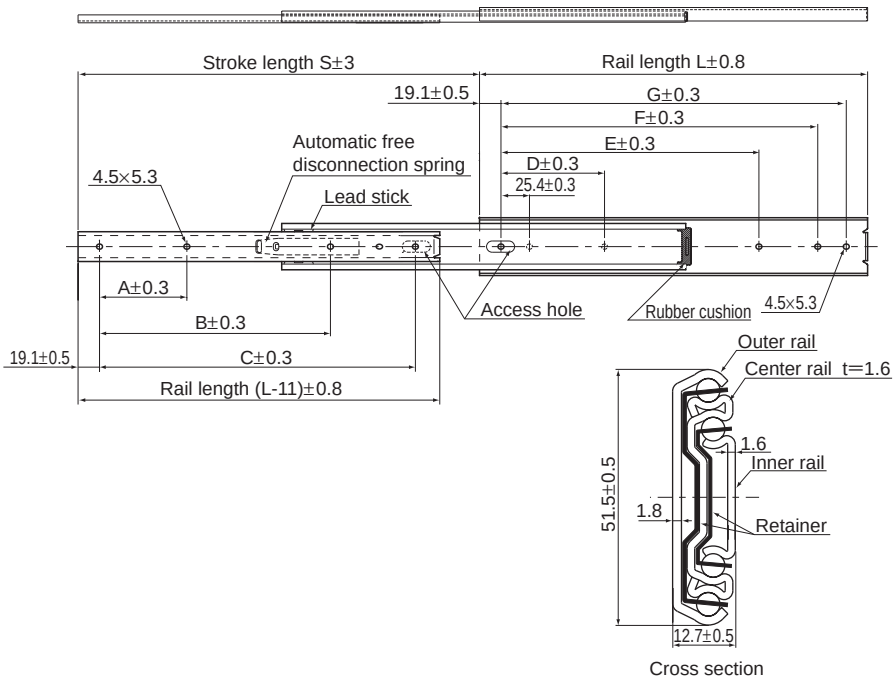
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

Model number coding

FBL51H-P13 +559L

Model number — Overall rail length (in mm)

Model FBL 51H-P14



Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	—	254.0	76.2	190.5	241.3	266.7	3	6	850	1.46
356	381	127.0	—	304.8	88.9	215.9	292.1	317.5	3	6	820	1.72
406	432	152.4	317.5	355.6	127.0	241.3	342.9	368.3	4	6	770	1.89
457	483	177.8	368.3	406.4	127.0	292.1	393.7	419.1	4	6	730	2.26
508	533	152.4	419.1	457.2	152.4	317.5	444.5	469.9	4	6	710	2.52
559	584	177.8	469.9	508.0	177.8	342.9	495.3	520.7	4	6	690	2.72
610	635	177.8	520.7	558.8	177.8	393.7	546.1	571.5	4	6	660	3.00
660	686	203.2	571.5	609.6	203.2	419.1	596.9	622.3	4	6	630	3.25
711	737	228.6	622.3	660.4	228.6	444.5	647.7	673.1	4	6	610	3.54
762	787	228.6	673.1	711.2	228.6	469.9	698.5	723.9	4	6	580	3.86

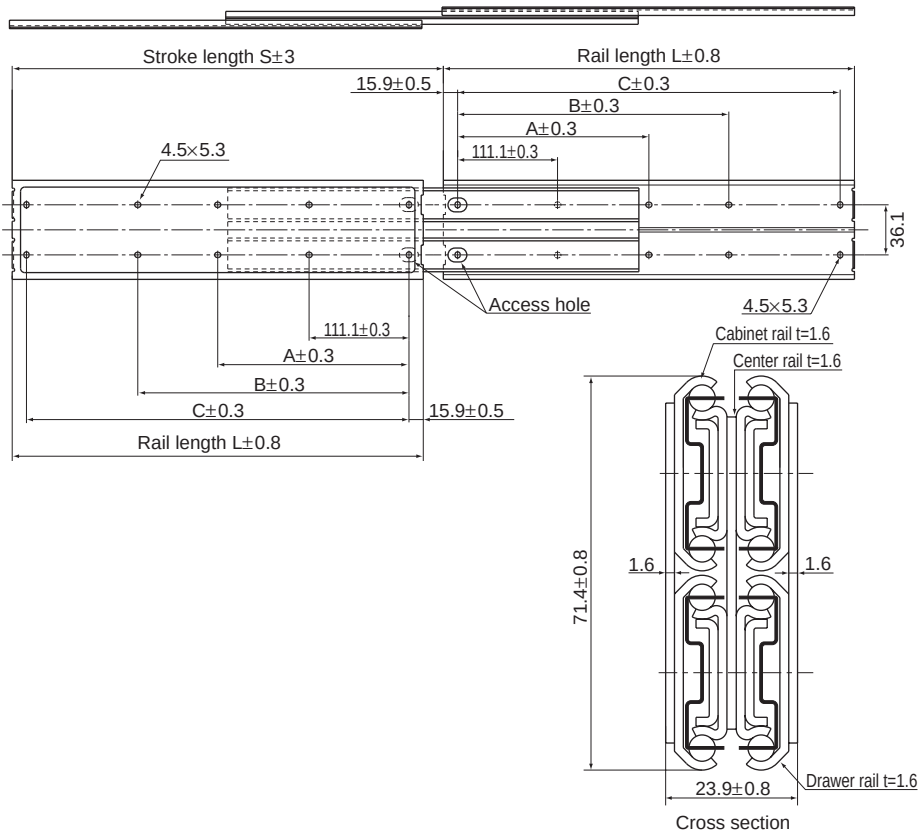
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

Model number coding

FBL51H-P14 +305L

Model number — Overall rail length (in mm)

Model FBL 35K



Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions			Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	Drawer rail	Cabinet rail		
305	327	—	149.2	273.0	4	4	2670	4.04
356	378	—	200.0	323.8	4	4	2630	4.8
406	429	—	250.8	374.6	4	4	2540	5.6
457	480	212.7	301.6	425.4	5	5	2450	6.04
508	530	238.1	352.4	476.2	5	5	2360	6.92
559	581	263.5	403.2	527.0	5	5	2250	7.56
610	632	288.9	454.0	577.8	5	5	2120	8.4
660	683	314.3	504.8	628.6	5	5	1960	9
711	734	339.7	555.6	679.4	5	5	1780	9.68

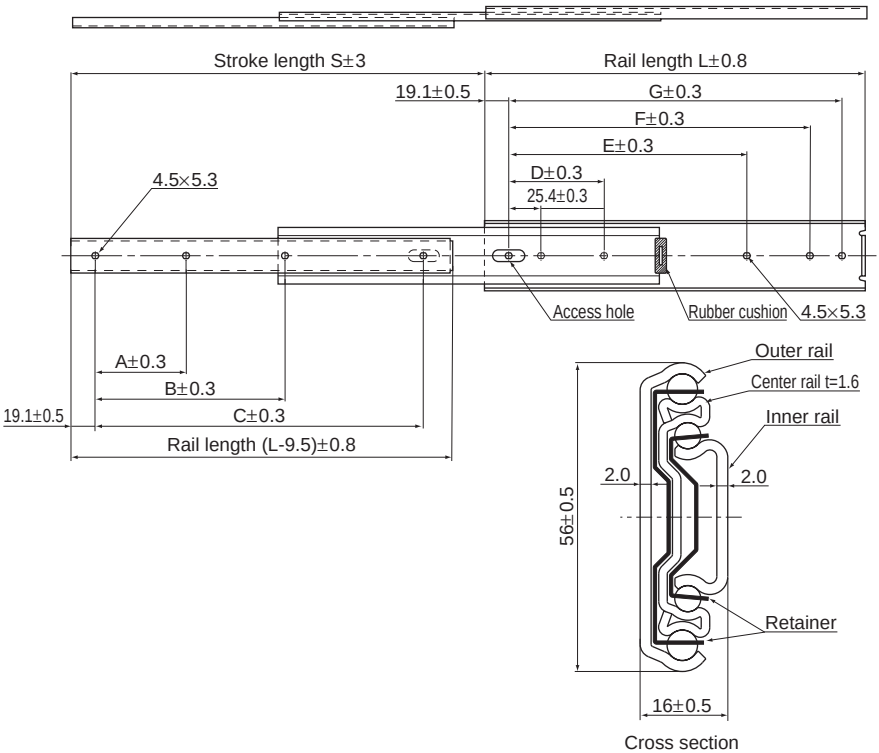
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

Model number coding

FBL35K +711L

Model number — Overall rail length (in mm)

Model FBL 56H



Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	177.8	254.0	76.2	190.5	241.3	266.7	4	6	961	1.76
356	381	101.6	203.2	304.8	88.9	215.9	292.1	317.5	4	6	951	2.04
406	432	127.0	228.6	355.6	127.0	241.3	342.9	368.3	4	6	941	2.36
457	483	127.0	279.4	406.4	127.0	292.1	393.7	419.1	4	6	922	2.64
508	533	152.4	304.8	457.2	152.4	317.5	444.5	469.9	4	6	902	2.96
559	584	177.8	330.2	508.0	177.8	342.9	495.3	520.7	4	6	882	3.24
610	635	177.8	381.0	558.8	177.8	393.7	546.1	571.5	4	6	863	3.6
660	686	203.2	406.4	609.6	203.2	419.1	596.9	622.3	4	6	843	3.84
711	737	228.6	431.8	660.4	228.6	444.5	647.7	673.1	4	6	824	4.06
762	787	228.6	457.2	711.2	228.6	469.9	698.5	723.9	4	6	784	4.44

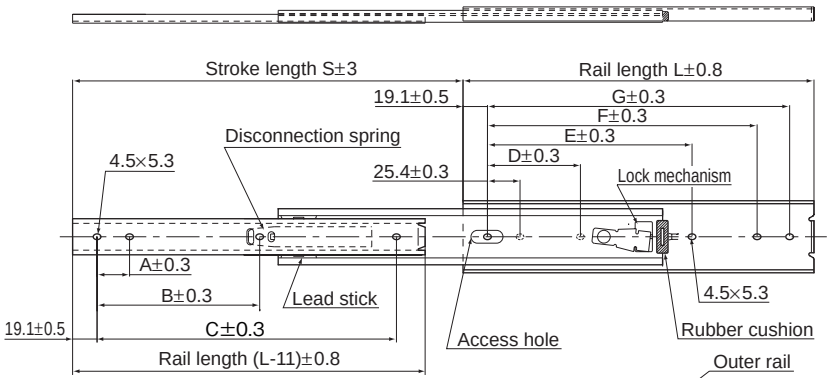
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

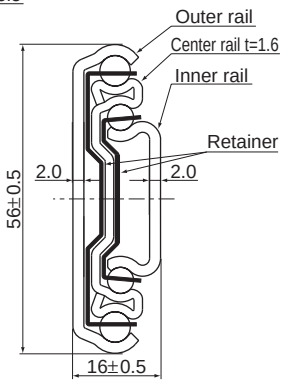
Model number coding

FBL56H +406L

Model number — Overall rail length (in mm)

Model FBL 56H-P13





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	—	254.0	76.2	190.5	241.3	266.7	3	6	961	1.76
356	381	127.0	—	304.8	88.9	215.9	292.1	317.5	3	6	951	2.04
406	432	152.4	317.5	355.6	127.0	241.3	342.9	368.3	4	6	941	2.36
457	483	177.8	368.3	406.4	127.0	292.1	393.7	419.1	4	6	922	2.64
508	533	152.4	419.1	457.2	152.4	317.5	444.5	469.9	4	6	902	2.96
559	584	177.8	469.9	508.0	177.8	342.9	495.3	520.7	4	6	882	3.24
610	635	177.8	520.7	558.8	177.8	393.7	546.1	571.5	4	6	863	3.6
660	686	203.2	571.5	609.6	203.2	419.1	596.9	622.3	4	6	843	3.84
711	737	228.6	622.3	660.4	228.6	444.5	647.7	673.1	4	6	824	4.06
762	787	228.6	673.1	711.2	228.6	469.9	698.5	723.9	4	6	784	4.44

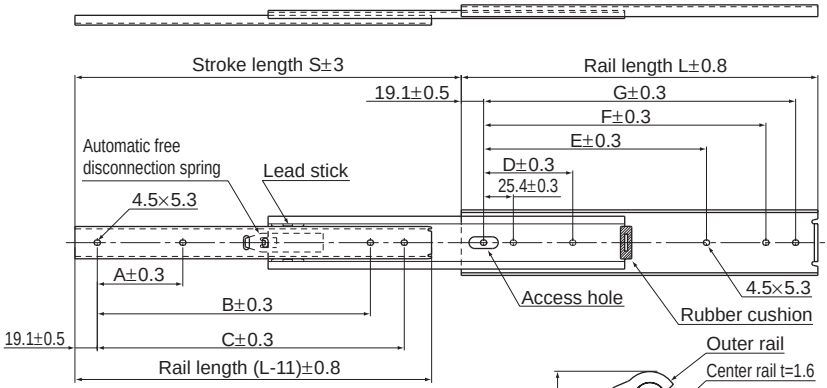
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

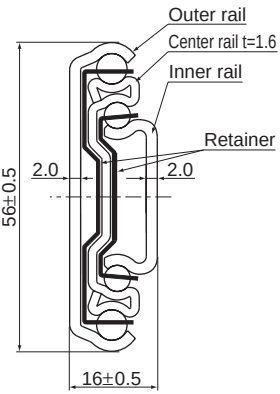
Model number coding

FBL56H-P13 +762L

Model number — Overall rail length (in mm)

Model FBL 56H-P14





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions							Mounting hole		Permissible load N/pair	Mass kg/pair
		A	B	C	D	E	F	G	Inner rail	Outer rail		
305	330	76.2	—	254.0	76.2	190.5	241.3	266.7	3	6	961	1.76
356	381	127.0	—	304.8	88.9	215.9	292.1	317.5	3	6	951	2.04
406	432	152.4	317.5	355.6	127.0	241.3	342.9	368.3	4	6	941	2.36
457	483	177.8	368.3	406.4	127.0	292.1	393.7	419.1	4	6	922	2.64
508	533	152.4	419.1	457.2	152.4	317.5	444.5	469.9	4	6	902	2.96
559	584	177.8	469.9	508.0	177.8	342.9	495.3	520.7	4	6	882	3.24
610	635	177.8	520.7	558.8	177.8	393.7	546.1	571.5	4	6	863	3.6
660	686	203.2	571.5	609.6	203.2	419.1	596.9	622.3	4	6	843	3.84
711	737	228.6	622.3	660.4	228.6	444.5	647.7	673.1	4	6	824	4.06
762	787	228.6	673.1	711.2	228.6	469.9	698.5	723.9	4	6	784	4.44

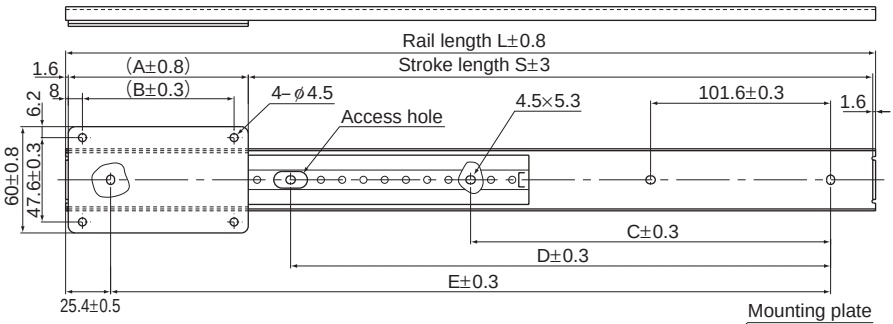
Note) The permissible load and the mass each indicate the value for a pair of 2 units.

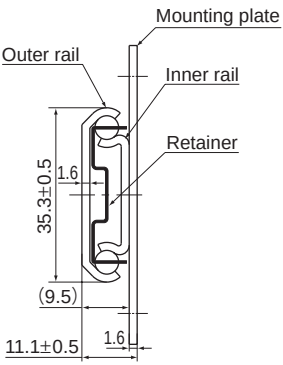
Model number coding

FBL56H-P14 +457L

Model number — Overall rail length (in mm)

Model FBL 35F





Cross section

Unit: mm

Mounting plate	Model No.	#3	#4	#5	#6	#7	#8	Dimension of the outer rail mounting hole (±0.3)		
	Length (A±0.8)	76.2	101.6	127	152.4	177.8	203.2			
Rail length L(±0.8)		Stroke length S (±3) * Varies with the combination with the mounting plate above.						C	D	E
305		225.4	200.0	174.6	149.2	—	—	—	152.4	254.0
356		276.2	250.8	225.4	200.0	174.6	149.2	—	203.2	304.8
406		327.0	301.6	276.2	250.8	225.4	200.0	—	254.0	355.6
457		377.8	352.4	327.0	301.6	276.2	250.8	203.2	304.8	406.4
508		428.6	403.2	377.8	352.4	327.0	301.6	228.6	355.6	457.2
559		479.4	454.0	428.6	403.2	377.8	352.4	254.0	406.4	508.0
610		530.2	504.8	479.4	454.0	428.6	403.2	279.4	457.2	558.8
660		581.0	555.6	530.2	504.8	479.4	454.0	304.8	508.0	609.6
711		631.8	606.4	581.0	555.6	530.2	504.8	330.2	558.8	660.4
762		682.6	657.2	631.8	606.4	581.0	555.6	355.6	609.6	711.2
Pitch of the mounting plate mounting hole (B±0.3)		60.2	85.6	111.0	136.4	161.8	187.2	—	—	—
Permissible load (N/pair)		294	392	490	588	686	784	—	—	—

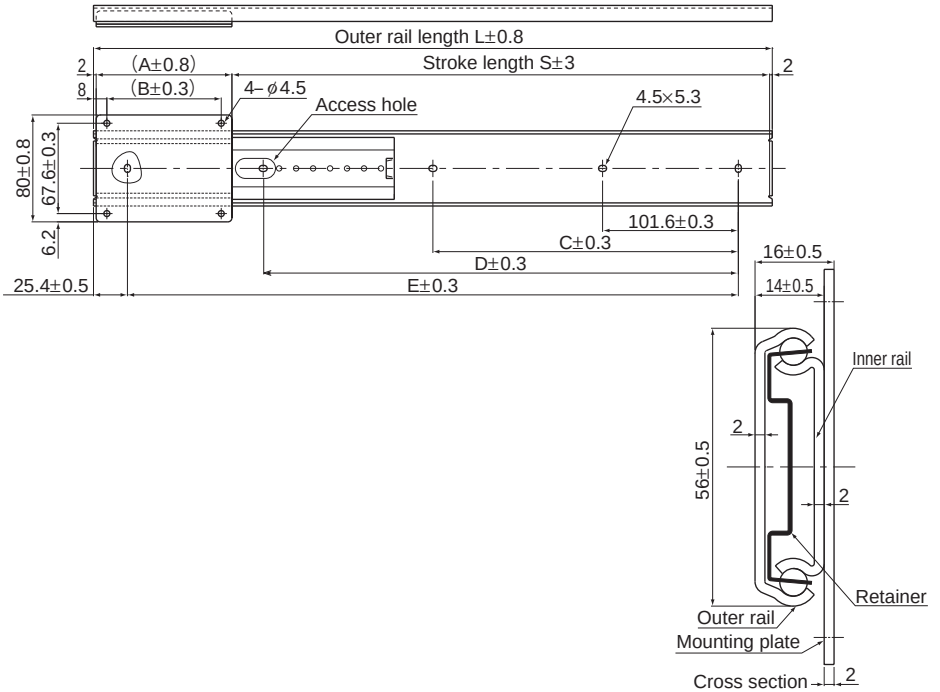
Note) The permissible load indicates the value for a pair of 2 units.

Model number coding

FBL35F +356L #5

- FBL35F: Model number
- +356L: Overall rail length (in mm)
- #5: Model number of mounting plate

Model FBL 56F



Mounting plate	Model No.	#3	#4	#5	#6	#7	#8	Dimension of the outer rail mounting hole (±0.3)		
	Length (A±0.8)	76.2	101.6	127	152.4	177.8	203.2			
Rail length L(±0.8)		Stroke length S (±3) * Varies with the combination with the mounting plate above.						C	D	E
305		224.6	199.2	173.8	148.4	—	—	—	152.4	254.0
356		275.4	250.0	224.6	199.2	173.8	148.4	—	203.2	304.8
406		326.2	300.8	275.4	250.0	224.6	199.2	—	254.0	355.6
457		377.0	351.6	326.2	300.8	275.4	250.0	203.2	304.8	406.4
508		427.8	402.4	377.0	351.6	326.2	300.8	228.6	355.6	457.2
559		478.6	453.2	427.8	402.4	377.0	351.6	254.0	406.4	508.0
610		529.4	504.0	478.6	453.2	427.8	402.4	279.4	457.2	558.8
660		580.2	554.8	529.4	504.0	478.6	453.2	304.8	508.0	609.6
711		631.0	605.6	580.2	554.8	529.4	504.0	330.2	558.8	660.4
762		681.8	656.4	631.0	605.6	580.2	554.8	355.6	609.6	711.2
Pitch of the mounting plate mounting hole (B±0.3)		60.2	85.6	111.0	136.4	161.8	187.2	—	—	—
Permissible load (N/pair)		588	784	980	1176	1372	1568	—	—	—

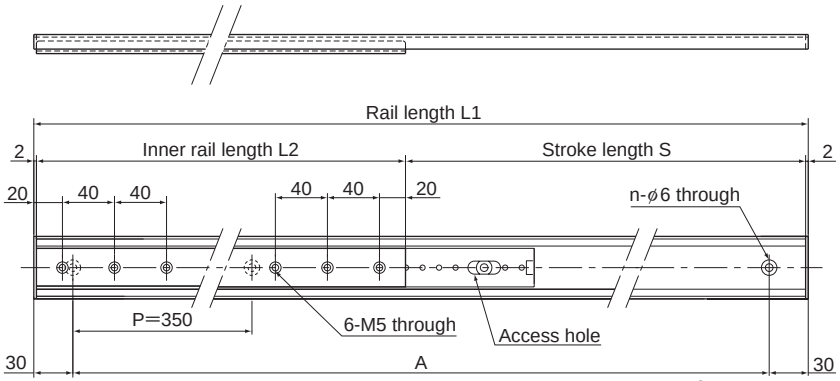
Note) The permissible load indicates the value for a pair of 2 units.

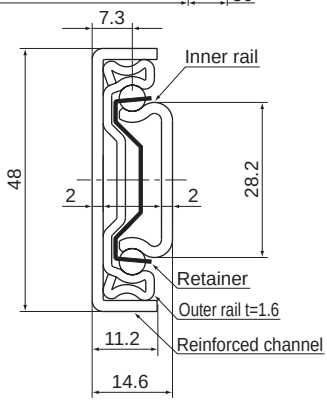
Model number coding

FBL56F +305L #6

- FBL56F: Model number
- +305L: Overall rail length (in mm)
- #6: Model number of mounting plate

Model FBL 48DR





Cross section

Unit: mm

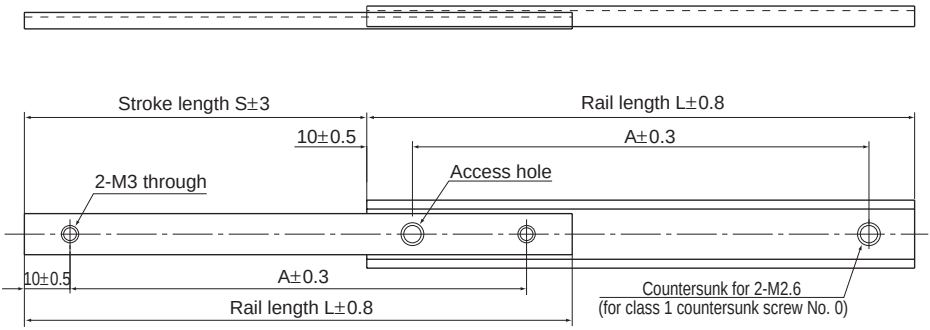
Outer rail length L1	Inner rail length L2	Stroke length S	Mounting hole pitch A	No. of mounting holes n
1110	496	610	P350×3	4
1110	696	410	P350×3	4
1460	496	960	P350×4	5
1460	696	760	P350×4	5
1810	696	1110	P350×5	6
2160	496	1660	P350×6	7
2160	696	1460	P350×6	7

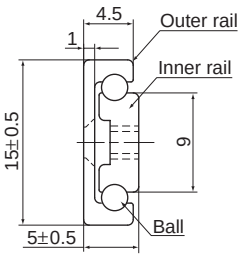
Model number coding

FBL48DR +1810L

Model number — Overall rail length (in mm)

Model E15





Cross section

Unit: mm

Rail length L(±0.8)	Stroke S (±3)	Mounting hole dimensions A±0.3	Permissible load N/pair
50	20	30.0	5
80	45	60.0	8
100	60	80.0	10
120	75	100.0	10

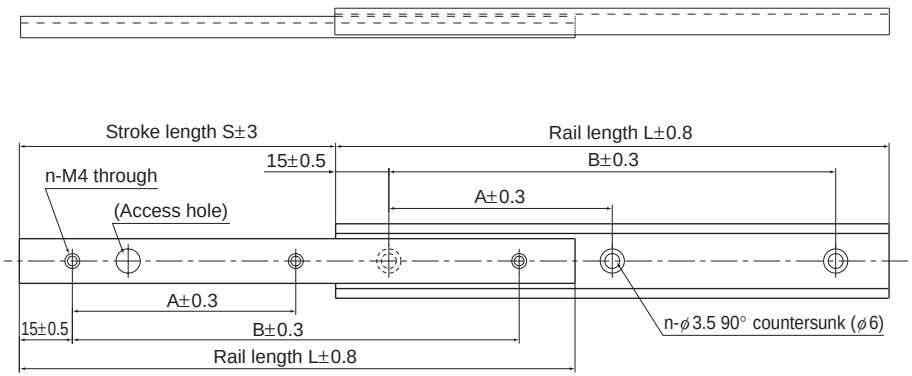
Note) The permissible load indicates the value for a pair of 2 units.

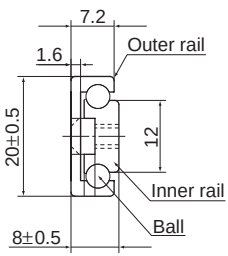
Model number coding

E15 +100L

Model number Overall rail length (in mm)

Model E20





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions			Permissible load N/pair
		A±0.3	B±0.3	n (pcs)	
80	45	50.0	—	2	20
100	60	70.0	—	2	30
150	85	60.0	120.0	3	80
200	120	85.0	170.0	3	140
300	180	135.0	270.0	3	145

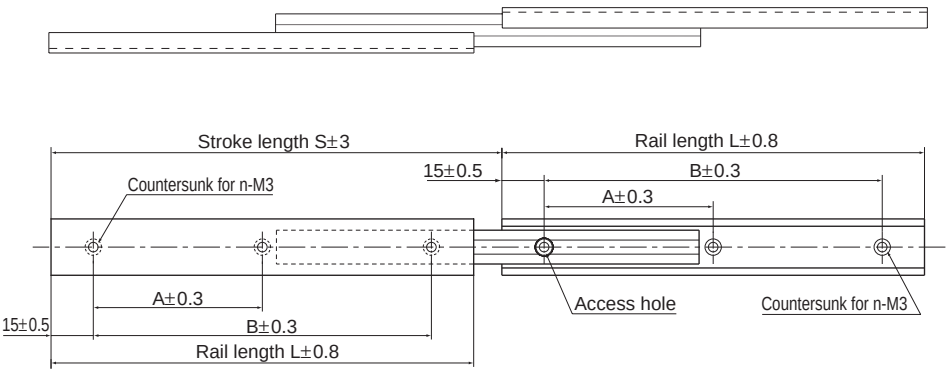
Note) The permissible load indicates the value for a pair of 2 units.

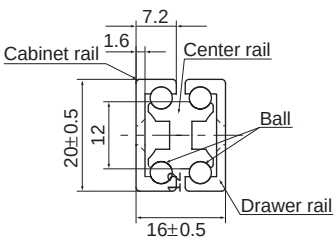
Model number coding

E20 +150L

Model number — Overall rail length (in mm)

Model D20





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S (±3)	Mounting hole dimensions			Permissible load N/pair
		A±0.3	B±0.3	n (pcs)	
80	80	50.0	—	2	20
100	100	70.0	—	2	30
150	160	60.0	120.0	3	80
200	223	85.0	170.0	3	140
300	345	135.0	270.0	3	145

Note) The permissible load indicates the value for a pair of 2 units.

Model number coding

D20 +300L

Model number Overall rail length (in mm)