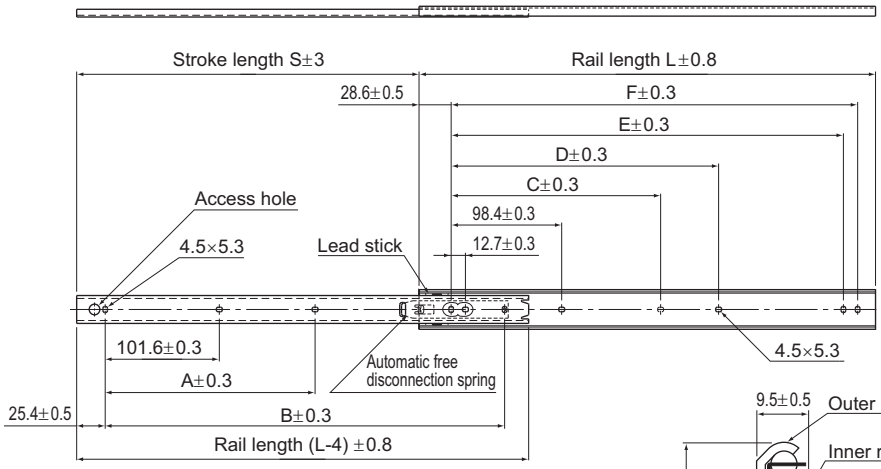
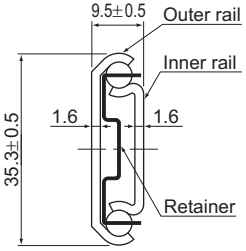
Model FBL 35S-P14





Cross section

Releasing the automatic free disconnection spring attached to the inner rail allows the inner rail to be pulled out. When retracted, the inner rail can be automatically unlocked by pushing it further into the outer rail.

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	—	238.1	—	349.2	361.9	3	6	390	0.84
457	330	203.2	406.4	200	288.9	400	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	508	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	542.9	654	666.7	4	7	270	1.48

Note: The Permissible Load and Mass each indicate when used as a pair of 2 units.

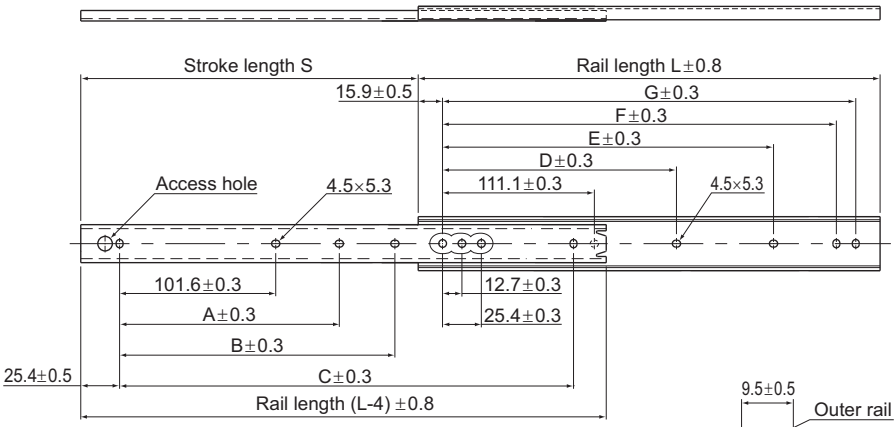
Model number coding

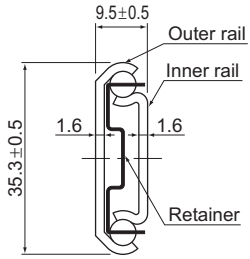
FBL35S-P14 +559L

Model number — Overall rail length (mm)

Download data from the THK Online Services website. https://www.thk.com/

Model FBL 35M





Cross section

Unit: mm

Rail length L (±0.8)	Stroke S	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	—	149.2	260.3	273	4	7	490	0.6
356	279	—	203.2	304.8	—	200	311.1	323.8	4	7	400	0.7
406	305	—	254	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
559	406	254	406.4	508	263.5	403.2	514.3	527	5	8	320	1.1
610	432	279.4	457.2	558.8	288.9	454	565.1	577.8	5	8	310	1.2
660	483	304.8	508	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 Mass each indicate when used as a pair of 2 units.

Model number coding

FBL35M +406L

Model number — Overall rail length (mm)