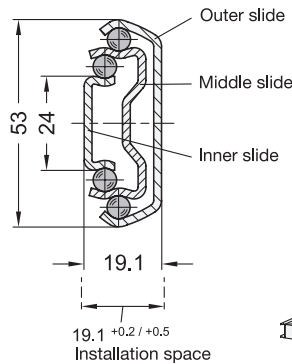
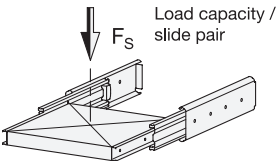
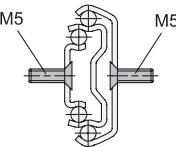


Metric



Mounting screws



2 Type

F With rubber stop, locking device in retracted position, detach function

3 Identification no.

2 Mounting with countersunk holes

l ₁	l ₂ ⁺³ ₋₃ Stroke	l ₃	F _S per pair in N	
			at 10,000 cycles	at 50,000 cycles
250 9.84	274 10.79	524 20.63	700 157 lbf	490 N 110 lbf
300 11.81	325 12.80	625 24.61	750 169 lbf	530 N 119 lbf
350 13.78	374 14.72	724 28.50	840 189 lbf	590 N 133 lbf
400 15.75	424 16.69	824 32.44	890 200 lbf	620 N 139 lbf
450 17.72	475 18.70	925 36.42	920 207 lbf	650 N 146 lbf
500 19.69	524 20.63	1024 40.31	950 214 lbf	670 N 151 lbf

l ₁	l ₂ ⁺³ ₋₃ Stroke	l ₃	F _S per pair in N	
			at 10,000 cycles	at 50,000 cycles
550 21.65	575 22.64	1125 44.29	970 N 218 lbf	680 N 153 lbf
600 23.62	625 24.61	1225 48.23	970 N 218 lbf	680 N 153 lbf
650 25.59	675 26.57	1325 52.17	980 N 220 lbf	690 N 155 lbf
700 27.56	750 29.53	1450 57.09	1000 N 225 lbf	700 N 157 lbf
750 29.53	800 31.50	1550 61.02	950 N 214 lbf	670 N 151 lbf
800 31.50	850 33.46	1650 64.96	900 N 202 lbf	630 N 142 lbf

Specification

Slide profile / Bearings / Ball cage

Stainless steel AISI 304

NI

Rubber stop

Plastic

Detach function

Plastic

Lubricant

Roller bearing grease, FDA-compliant (NSF H1)

Operating temperature -4 °F to +212 °F

(-20 °C to +100 °C)

RoHS

On request

- Other lengths and hole distances
- Other mounting options

GN 1460 telescopic slides are installed in pairs. The stroke reaches ≈ 100 % of the nominal length l₁ (full extension).

The telescopic slides are delivered in pairs. They can be installed on either the left or right side due to the design. All mounting holes are easy to reach through auxiliary holes. Only the mounting holes are shown, but other production-related holes may be present.

Technical Information

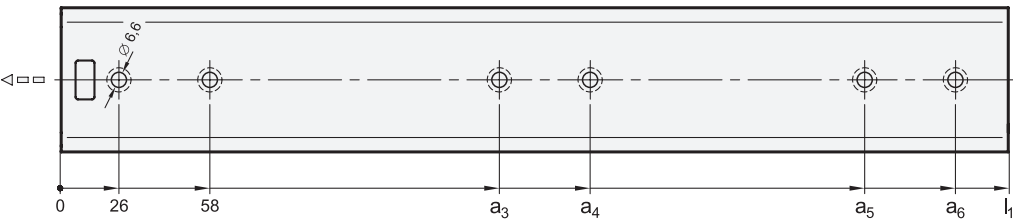
Overview of Types	QVX
Mounting and Technical Information	QVX
Load Capacity	QVX
Stainless Steel Characteristics	QVX

How to order

1	l ₁
2	Type
3	Identification no.
4	Material

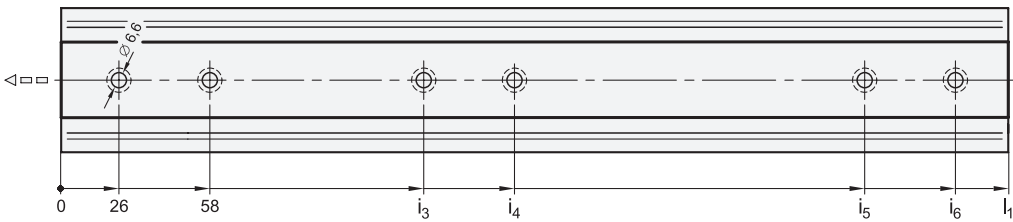
GN 1460-400-F-2-NI

Mounting Holes - Outer Slide



l_1	a_3	a_4	a_5	a_6
250 9.84	168 6.61	200 7.87	-	-
300 11.81	218 8.58	250 9.84	-	-
350 13.78	250 9.84	282 11.10	-	-
400 15.75	186 7.32	218 8.58	314 12.36	346 13.62
450 17.72	218 8.58	250 9.84	378 14.88	410 16.14
500 19.69	218 8.58	250 9.84	410 16.14	442 17.40
550 21.65	282 11.10	314 12.36	474 18.66	506 19.92
600 23.62	282 11.10	314 12.36	506 19.92	538 21.18
650 25.59	314 12.36	346 13.62	570 22.44	602 23.70
700 27.56	314 12.36	346 13.62	602 23.70	634 24.96
750 29.53	346 13.62	378 14.88	666 26.22	698 27.48
800 31.50	378 14.88	410 16.14	698 27.48	730 28.74

Mounting Holes - Inner Slide



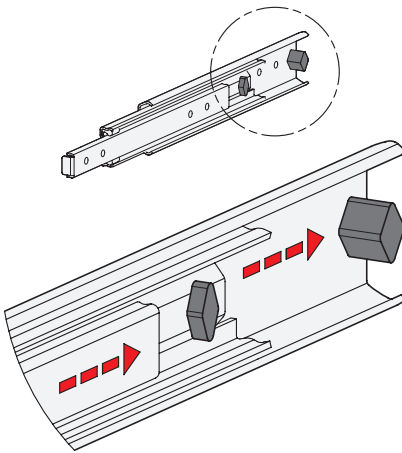
l_1	i_3	i_4	i_5	i_6
250 9.84	168 6.61	200 7.87	-	-
300 11.81	218 8.58	250 9.84	-	-
350 13.78	250 9.84	282 11.10	-	-
400 15.75	154 6.06	186 7.32	314 12.36	346 13.62
450 17.72	154 6.06	186 7.32	378 14.88	410 16.14
500 19.69	186 7.32	218 8.58	410 16.14	442 17.40
550 21.65	250 9.84	282 11.10	474 18.66	506 19.92
600 23.62	250 9.84	282 11.10	506 19.92	538 21.18
650 25.59	282 11.10	314 12.36	570 22.44	602 23.70
700 27.56	314 12.36	346 13.62	602 23.70	634 24.96
750 29.53	346 13.62	378 14.88	666 26.22	698 27.48
800 31.50	346 13.62	378 14.88	698 27.48	730 28.74

Mounting Screws

For the said loading forces F_S to be absorbed reliably in the surrounding structure, all available countersunk holes of the outer and inner slide must be used. Failure to use fastening screws reduces the specified load capacity accordingly. The following screws can be used for mounting:

Designation - standard		Outer slide	Inner slide
Hex socket countersunk head screw	DIN 7991	M 5	M 5
Countersunk screw, Phillips	DIN 965	M 5	M 5
Countersunk screw, Phillips	DIN 7997	Size 5	Size 5

Rubber Stop, Locking Device in Back

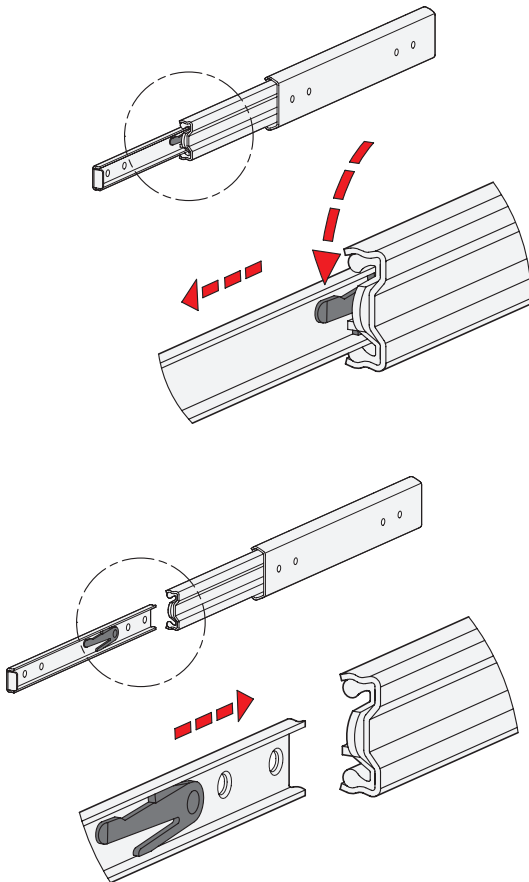


The rubber stops of type F dampen the impact of the slide in the respective end position. This feature minimizes noise development and increases the lifespan. Attached to the slides in a partially concealed, partially visible manner, the stops meet each of the requirements in regard to shape, material, and hardness.

The rubber stop takes on also a locking function in the back stop position. This feature is noticeable through a slight resistance on opening and closing the slide.

If larger static or dynamic loads occur in the direction of extension, they should be absorbed by external stop elements.

Detach Function



Type F has additionally a detach function through which the extension slides can be completely separated from one another in the area of the middle and inner slide. This feature not only facilitates mounting. It also allows the extension to be quickly removed, for example, when frequent maintenance work is performed on the components located behind.

The telescopic slide can be quickly and easily detached in the extracted position through activation of the release lever, allowing the inner slide to be removed from the front.

For reattaching the slides, the ball cages need to be moved to the front end position. Then the inner slide is inserted to the back end stop where it locks into place automatically.

The protected arrangement of the release mechanism prevents accidental detachment of the slide.