



SS Stainless Steel

2 Type

K3 Compact design with 3 rollers

3 Coding

X For fixed bearing guide rail

Metric table

Dimensions in: millimeters - inches

1 h_1 Rails GN 2492	b_1	b_2	b_3	d_1	d_2	h_2	h_3	l_1	l_2	l_3	l_4	s	A/F	t max.	F_R per cam roller carriage	F_A per cam roller carriage
30 1.18	14.5 0.57	20.5 0.81	10 0.39	M 5	22.5 0.89	15 0.59	27 1.06	95 3.74	80 3.15	50 1.97	70 2.76	3 0.12	13 0.51	6.5 0.26	840 N 189 lbf	420 N 94.42 lbf
45 1.77	21.25 0.84	30.5 1.20	15.5 0.61	M 6	35.1 1.38	23 0.91	40 1.57	160 6.30	135 5.31	85 3.35	120 4.72	4 0.16	15 0.59	9 0.35	1790 N 402 lbf	950 N 214 lbf

Specification

- Base body
Stainless steel AISI 316L
- Cam rollers
 - Stainless steel AISI 440C
 - Ball mounted, sealed (2RS)
 - Sealing washer, rubber (NBR), blue
 - Permanent lubrication
 - Roller bearing grease, FDA compliant, class H1
- Wipers
Polyurethane (TPU)
Blue, FDA compliant
- Operating temperature -4 °F to 212 °F (-20 °C to 100 °C)
- [Plastic Characteristics](#) → page QVX
- [Stainless Steel Characteristics](#) → page QVX
- [RoHS compliant](#)

Information

GN 2494 cam roller carriages can be combined with GN 2492 cam roller linear guide rails or GN 2496 cam rollers to assemble linear guide rail systems.

These space-saving units are used, for example, in the machine and jigs building industry, in transportation and building services equipment for supporting sliding doors, or to enable the linear movement of production and plant equipment. The materials can also be used in particularly aggressive environments that can be found, for example, in the chemical, pharmaceutical, medical or food processing industries.

Linear guide rail systems are generally installed in pairs, with a horizontal alignment, either vertically (as shown) or perpendicularly. During assembly, please take note of the small bores which indicate the load bearing side of the cam roller carriages. Wipers fitted to the guide rails on both ends of the cam roller carriages prevent dirt built-up.

The open-end wrench needed for assembly is included in the delivery.

see also...

- [Assembly and Technical Instructions](#)
(for Cam Roller Linear Guide Rails) → page QVX

On request

- Cam roller carriage with additional rollers
- Other cam roller arrangements

<p>How to order</p> <p>GN 2494-30-K3-X</p>	1 Height h_1
	2 Type
	3 Coding

3.1
3.2
3.3
3.4
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3.7
3.8
3.9
3.10