Specifications

Positioning system GGT / GGK 90

Slide with spindle drive

Positioning system to be used in lifting systems

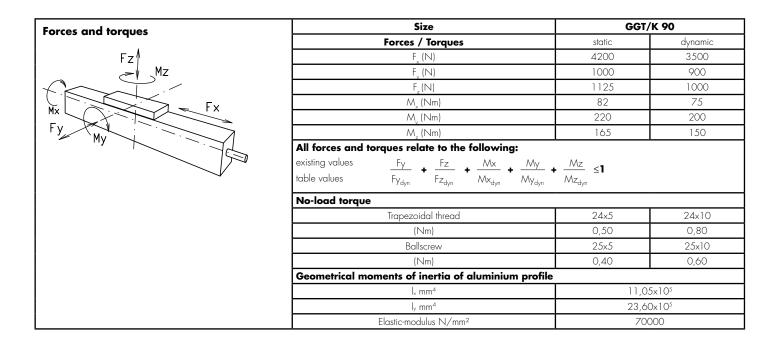


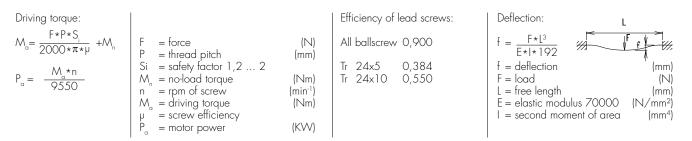
Function:

Optimized spindle axis for wheelchair lifting systems, lifting platforms and other lifting applications. The guide body consists of an aluminium square profile with an integrated sliding guide. The plastic slide bushes integrated in the carriage ensure a very low friction resistance on anodized aluminium. The carriage is moved by means of a rotating thread spindle with an assigned follower nut. The opening in the guide body is closed by a plastic cover band. This plastic cover band is abrasion-free and is pressed into the profile by means of ball bearings.

Fitting position: As required. Max. length 3.000 mm **Carriage mounting:** By tapped holes in the carriage.

Unit mounting: By T-slots or tapped holes in the bearing block and mounting sets.





For the diagram for critical speeds of lead screws refer to chapter 4.2



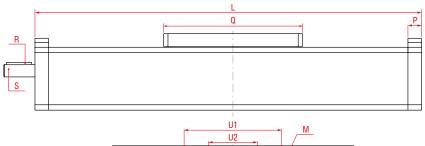


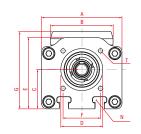


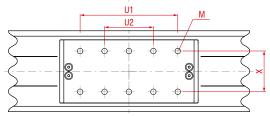


Positioning system GGT / GGK 90

Dimensions (mm)







*For slide nuts refer to chapter 2.2 page 2

Increasing the carriage length will increase the basic length by the same amount.

	Basic length L	A	В	С	D -0,05	E	F	G	м	N for		Q	Shaft		Γ.				Basic	Weight
Size											Р		R key	S Ø h6 x length	for	UI	U2	X	weight	per 100 mm
GGT/K 90	242	90	78	44	47	80	42	87	M8	M8	15	1 <i>7</i> 0	5x5x28	14x35	M6	120	60	50	4,5 kg	1,134 kg

T Spindle:

(T) Trapezoidal thread (K) Ballscrew

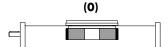
Selection of screw:

(1) right hand (Standard) (2) left hand (Ballscrew by inquiry)

O Choice of guide body profile:

- (0) Standard (1) corrosion-protected screws
- (4) expanded corrosion-protected version (depending on the availability of components)

O Choice of carriages:



O Drive version:

(0) right (locating bearing side) (1) left (non-locating bearing side) (2) shaft on both sides

0	Selection of screw:	Tr = trapezoidal thread	Kg = ballscrew

Size	Standard	Multistart screw	Standard	Multistart screw	
90	(0) Tr 24x5	(1) Tr 24x10	(0) Kg 25x5	(1) Kg 25x10	(2) Ka 20x20

O Ballscrew pitch accuracy: (only ballscrew)

(0) 0,05 mm / 300 mm **(2)** 0,025 mm / 300 mm

O End play of ball nut: (only ballscrew)

to a control of ball field formy ballscrew)

(0) 0,04 mm (Standard), (1) < 0,02 mm, (2) 2% apply prestress

GG T 90 1 0 0 0 0 0 1500Pos. 1 2 3 4 5 6 7

Basic length + stroke = total length

Sample ordering code:

GGT 90, trapezoidal thread right hand thread, standard body profile, carriage version 0, drive version 0, spindle Tr 24x5, 1258 mm stroke





