



- 3 Type**
- ZL** Cylindrical
 - KV** Convex
 - KF** Wedge-shaped
 - KK** Concave
 - KR** Circular (O-ring)

- 4 Identification no.**
- 1 With bore
 - 2 Stud with external thread

Metric table

Dimensions in: millimeters - inches

d ₁	d ₂ Bore		d ₃ Thread	d ₄		d ₅	d ₆	d ₇	d ₈	b	r ₁	r ₂	r ₃	Load capacity radial at max. 300 RPM		
	Type ZL	Type KV Type KK Type KF Type KR		Type ZL	Type KV Type KK Type KF Type KR									Type ZL	Type KV	Type KK Type KF Type KR
19 0.75	B 5	B 5	M 6	8.2 0.32	8.2 0.32	17 0.67	17 0.67	24 0.94	3.5 0.14	6 0.24	5 0.20	1.75 0.07	0.6 0.02	49 N 11.02 lbf	49 N 11.02 lbf	39 N 8.77 lbf
19 0.75	B 6	-	-	8.2 0.32	-	-	-	-	-	6 0.24	-	-	-	49 N 11.02 lbf	-	-
22 0.87	B 6	B 6	M 6	9.5 0.37	9.5 0.37	19.2 0.76	19 0.75	29 1.14	5 0.20	7 0.28	5 0.20	2.5 0.10	0.6 0.02	196 N 44.06 lbf	196 N 44.06 lbf	156 N 35.07 lbf
22 0.87	B 8	-	-	11 0.43	-	-	-	-	-	7 0.28	-	-	-	196 N 44.06 lbf	-	-
26 1.02	B 6	B 6	M 6	9.5 0.37	9.5 0.37	23.2 0.91	23 0.91	33 1.30	5 0.20	7 0.28	5 0.20	2.5 0.10	0.6 0.02	196 N 44.06 lbf	196 N 44.06 lbf	156 N 35.07 lbf
26 1.02	B 10	-	-	13 0.51	-	-	-	-	-	8 0.31	-	-	-	196 N 44.06 lbf	-	-

Specification

- Outer race
Plastic (Polyacetal POM)
Operating temperature:
+32 °F to +104 °F (0 °C to +40 °C)
- Inner ring / balls
Steel, plain finish
- Shank pin
Steel, zinc plated
- O-ring
Rubber NBR (Perbunan®)
70 shore A
- [Elastomer Characteristics](#) → page 2135
- [Plastic Characteristics](#) → page 2135
- [RoHS compliant](#)

On request

- Guide rollers with rivet pin

Information

GN 753 guide rollers can be used as guides, bearings or supports for small to medium loads. They can also be used to create custom linear guide rail systems.

With the radial load capacity given in the table, the guide rollers reach a minimum running performance of 1 million revolutions. In general, the guide rollers should not be used under axial load.

see also...

- [Guide Rollers GN 753.1](#) → page QVX
- [Cam Rollers GN 2426](#) → page 1928

How to order	1 Diameter d ₁
GN 753-19-B5-KF-1	2 Bore d ₂ (Thread d ₃)
1 2 3 4	3 Type
	4 Identification no.

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10