



- 3 Type**  
**ZL** Cylindrical  
**KV** Convex
- 4 Identification no.**  
**1** With bore  
**2** Stud with external thread  
**3** Stud with internal thread

<b>1</b> $d_1 -0,2$	<b>2</b> $d_2 -0,02$ ld no. 1	<b>2</b> $d_3$ ld no. 2	<b>2</b> $d_4$ ld no. 3	$b_1 -0,2$	$b_2$	$d_5$	$d_6$	$l_1$	$l_2$	$l_3$	$r$	A/F Torx	t min.	Load capacity radial dynamic in N
22	B 5	M 5	M 4	7	5	8,5	9	1	7,5	9	55	T10	7	400
25	B 6	M 5	M 4	8	6	10,5	10	1	7,5	9	65	T15	8	600
30	B 8	M 6	M 5	10	7	12	12	1,5	9	9	75	T25	10	800
35	B 10	M 8	M 6	10	8	14	14	1,5	12	12	90	T30	12	1000
42	B 10	M 8	M 6	12	9	17	14	1,5	12	12	105	T30	12	1200
50	B 10	M 8	M 6	14	11	19	14	1,5	12	12	125	T30	12	1500

**Specification**

- Outer race  
Plastic, polyacetal (POM)  
Operating temperature: -20 °C to 100 °C
- Ball bearing  
- Steel, 100Cr6, hardened  
- Covered (cover disks 2Z)
- Stud  
Steel, zinc plated
- Plastic Characteristics → Page QVX
- RoHS

**Information**

Guide rollers GN 753.1 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.

The radial load capacity rating given in the table should be understood as a guide value at which the guide rollers achieve a lifetime performance of at least 200,000 m. The conditions for achieving this lifetime performance are a speed of 0.4 m/s, a clean, dry, level, smooth and hard surface to roll against and an operating temperature between 15 °C and 30 °C. In general, the guide rollers should not be used under axial load.

- see also...
- Guide Rollers GN 753 → Page QVX
  - Cam Rollers GN 2426 → Page QVX

<p>How to order</p> <p><b>GN 753.1-22-M5-ZL-2</b></p>	<b>1</b> $d_1$
	<b>2</b> $d_3$ ( $d_2, d_4$ )
	<b>3</b> Type
	<b>4</b> Identification no.

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9

### Application examples

