

## BNS with plastic mounting hole plugs



### Steel ball guide rails

**R1675 .0. ..**

**With two-row mounting hole pattern, for mounting from above, with plastic mounting hole plugs**

#### Notes

- ▶ Plastic mounting hole plugs included in scope of supply.
- ▶ Follow the mounting instructions!  
Please ask for the “Mounting Instructions for Ball Rail Systems”.
- ▶ Composite guide rails also available.

#### Further ball guide rails BNS and accessories

- ▶ See below for corrosion-resistant ball guide rails
- ▶ For caps, see the “Accessories for ball guide rails” chapter

### Options and part numbers

Size	Ball guide rail with size	Accuracy class			Number of sections, rail length L (mm), ...		Hole spacing T (mm)	Recommended rail length in accordance with formula $L = n_B \cdot T - 4$
		N	H	P	One-piece	Composite		
<b>20/40<sup>1)</sup></b>	R1675 50	4	3	2	31, ....	3., ....	60	64
<b>25/70</b>	R1675 20	4	3	2	31, ....	3., ....	80	48
<b>35/90</b>	R1675 30	4	3	2	31, ....	3., ....	80	48
<b>e.g.</b>	R1675 30	3			31, 1676			

### Resist NR II ball guide rails

**R1673 .0. ..**

### Options and part numbers

Size	Ball guide rail with size	Accuracy class			Number of sections, rail length L (mm), ...			Hole spacing T (mm)	Recommended rail length in accordance with formula $L = n_B \cdot T - 4$
		H			One-piece Uncoated end faces	Coated end faces	Composite Coated end faces		
<b>20/40<sup>1)</sup></b>	R1673 50	3			31, ....	41, ....	4., ....	60	64
<b>25/70</b>	R1673 20	3			31, ....	41, ....	4., ....	80	48
<b>35/90</b>	R1673 30	3			31, ....	41, ....	4., ....	80	48
<b>e.g.</b>	R1673 30	3			42, 5116				

1) Note: Ball guide rail cannot be combined with ball runner block R1671 8.. ..

#### Ordering example 1 (to $L_{max}$ )

Options:

- ▶ Ball guide rail BNS
- ▶ Size 35/90
- ▶ Accuracy class H
- ▶ One-piece
- ▶ Uncoated end faces
- ▶ Rail length L = 1676 mm

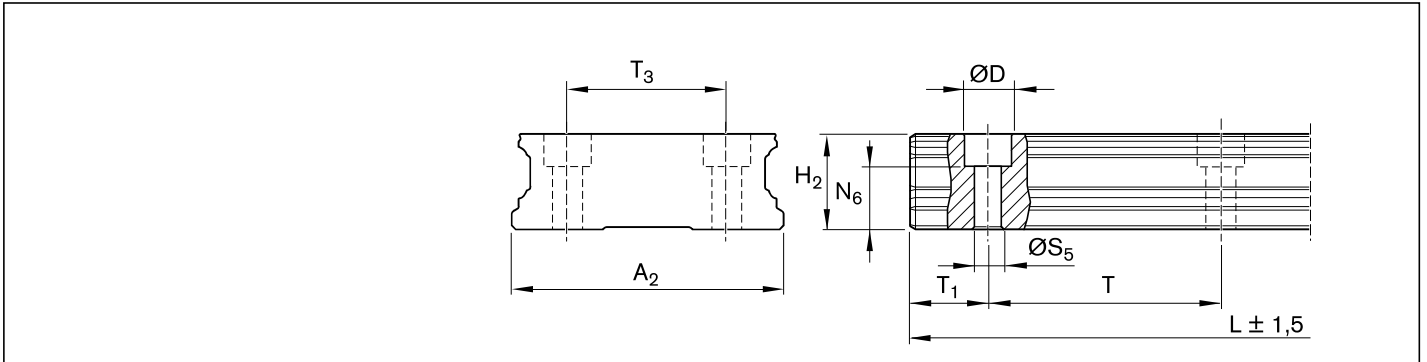
Part number: R1675 303 31, 1676 mm

#### Ordering example 2 (above $L_{max}$ )

Options:

- ▶ Ball guide rail CR, BNS
- ▶ Size 35/90
- ▶ Accuracy class H
- ▶ **2 sections**
- ▶ Coated end faces
- ▶ Rail length L = 5116 mm

Part number: R1673 303 42, 5116 mm



Size	Dimensions (mm)										Weight (kg/m)	
	A <sub>2</sub>	D	H <sub>2</sub> <sup>1)</sup>	L <sub>max</sub>	N <sub>6</sub> <sup>±0.5</sup>	S <sub>5</sub>	T	T <sub>1 min</sub>	T <sub>1S</sub> <sup>2)</sup>	T <sub>1 max</sub>		T <sub>3</sub>
<b>20/40</b>	42	7.4	18.30	3 836	12.45	4.4	60	10	28	50	24	5.3
<b>25/70</b>	69	11.0	23.55	3 836	14.50	7.0	80	10	38	70	40	11.6
<b>35/90</b>	90	15.0	31.85	3 836	20.50	9.0	80	12	38	68	60	21.0

- 1) Dimension H<sub>2</sub> without cover strip
- 2) Preferred dimension T<sub>1S</sub> with tolerances ±0.75 is recommended.