

Super Linear Bushings 

Super Linear Bushing with self-alignment feature

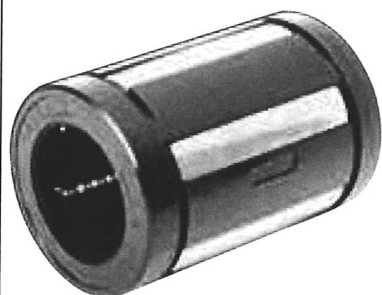
Super Linear Bushings, R0670
Closed type

Super Linear Bushings, R0671
Open type

Structural design

- Ball retainer and outer sleeve made of PA or POM
- Hardened steel segmental load bearing plates with ground ball tracks
- Balls made of anti-friction bearing steel
- Automatic compensation for alignment errors up to 30'
- Without seals
- With integrated/separate wiper seals

Closed type



| Shaft Ø d (mm) | Part numbers | | Weight (kg) |
|----------------------|---------------|---------------------------------|----------------|
| | Without seals | With two integrated wiper seals | |
| 10 | R0670 010 00 | R0670 210 40 | 0.017 |
| 12 | R0670 012 00 | R0670 212 40 | 0.023 |
| 16 | R0670 016 00 | R0670 216 40 | 0.028 |
| 20 | R0670 020 00 | R0670 220 40 | 0.061 |
| 25 | R0670 025 00 | R0670 225 40 | 0.122 |
| 30 | R0670 030 00 | R0670 230 40 | 0.185 |
| 40 | R0670 040 00 | R0670 240 40 | 0.360 |
| 50 | R0670 050 00 | R0670 250 40 | 0.580 |

With one integrated wiper seal: R0670 1.. 40.

Open type



| Shaft Ø d (mm) | Part numbers | | | Weight (kg) |
|----------------------|---------------|---------------------------------|---|----------------|
| | Without seals | With two integrated wiper seals | With two integrated wiper seals and side seal | |
| 12 | R0671 012 00 | R0671 212 40 | R0671 212 45 | 0.018 |
| 16 | R0671 016 00 | R0671 216 40 | R0671 216 45 | 0.022 |
| 20 | R0671 020 00 | R0671 220 40 | R0671 220 45 | 0.051 |
| 25 | R0671 025 00 | R0671 225 40 | R0671 225 45 | 0.102 |
| 30 | R0671 030 00 | R0671 230 40 | R0671 230 45 | 0.155 |
| 40 | R0671 040 00 | R0671 240 40 | R0671 240 45 | 0.300 |
| 50 | R0671 050 00 | R0671 250 40 | R0671 250 45 | 0.480 |

With one integrated wiper seal: R0671 1.. 40.

For seals, see section on "Customer-Built Housings".

Determination of the dynamic load capacities is based on a travel life of 100,000 m. Often only 50,000 m are actually stipulated. For comparison: Multiply values C from the table by 1.26.