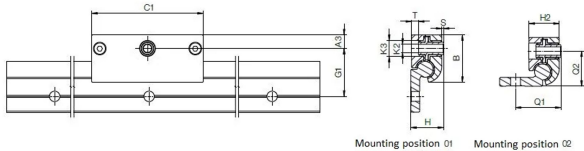


drylin WJRM-51 | Hybrid roller bearing with two rollers

WJRM-51-10-AL



drylin WJRM-51 | Hybrid roller bearing with two rollers

- Two times higher load capacity (compared to the standard version)
- Uniform load distribution thanks to the swivel bearing system
- Up to 50% lighter than using two individual roller bearings
- For particularly smooth running incl. ball bearings (BB version)
- Ready-to-install tandem roller bearings suitable for drylin W profile rails with single shaft WS-10/WS-16/WS-20

|    |         |
|----|---------|
| C1 | 70 mm   |
| A3 | 8.5 mm  |
| B  | 29.8 mm |
| Q1 | 28.5 mm |
| Q2 | 22.1 mm |

Product description

Introducing the Hybrid Roller Bearing with Two Rollers, drylin WJRM-51. This innovative bearing offers double the load capacity compared to standard versions, ensuring a uniform load distribution with its swivel bearing system. Weighing up to 50% less than traditional dual roller bearings, it delivers exceptional smoothness, especially in the BB version. Designed for easy installation, it's compatible with drylin W profile rails and single shafts WS-10/WS-16/WS-20, making it a versatile choice for your needs.

General properties

|             |       |
|-------------|-------|
| size        | 10    |
| Design      | round |
| Anti-Reflex | No    |

Mechanical properties

|                                                               |          |
|---------------------------------------------------------------|----------|
| Static load capacity Coy                                      | 500 N    |
| Dynamic load capacity Cz+ at total running distance of 10 km  | 500 N    |
| Dynamic load capacity Cz+ at total running distance of 100 km | 180 N    |
| Dynamic load capacity Cz+ at total running distance of 200 km | 100 N    |
| F · v max.                                                    | 50 N m/s |
| Coefficient of friction in z-direction                        | < 0,1 µ  |



Dimensions

|                  |         |
|------------------|---------|
| Floating bearing | none    |
| A3               | 8.5 mm  |
| B                | 29.8 mm |
| C1               | 70 mm   |
| G1               | 30.1 mm |
| Q1               | 28.5 mm |
| Q2               | 22.1 mm |