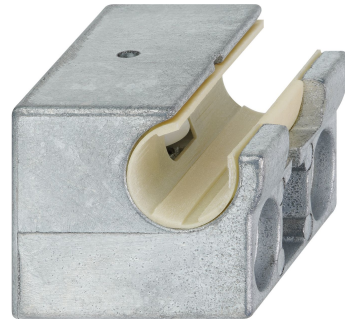


drylin® W hybrid bearing WJRM-31

WJRM-31-10



drylin® W hybrid bearing WJRM-31

- Cost-effective using zinc die-cast housing
- Rollers and sliding elements made of wear-resistant iglidur® materials
- Rolling bearings can be variably positioned at the desired bearing clearance
- With carriage plate, WWY-R can be expanded to a complete linear carriage
- Can be combined with drylin® WSR-10-120 rail profile

Product description

Introducing the drylin® W hybrid bearing WJRM-31, designed for optimal support in various applications like kitchen and furniture construction, machine tools, and ergonomic workplaces. This single hybrid roller bearing features a cost-effective zinc die-cast housing and wear-resistant iglidur® materials, ensuring durability and reliability. Its adjustable positioning allows for customizable bearing clearance, making it a versatile choice for your projects. Combine it with the drylin® WSR-10-120 rail profile for enhanced functionality.

Mechanical properties

Static load capacity C_0	250 N
Dynamic load capacity C_{z+} at total running distance of 10 km	250 N
Dynamic load capacity C_{z+} at total running distance of 100 km	90 N
Dynamic load capacity C_{z+} at total running distance of 200 km	50 N
$F \cdot v$ max.	50 N m/s
Coefficient of friction in z-direction	< 0,1 μ



Dimensions

Floating bearing	none
A3	6.5 mm
B	24 mm
C1	35 mm
C3	22 mm
H	28 mm
Thread K2	M6
Thread K3	M5
Q1	36 mm
Q2	19 mm

General properties

size	31-10
Design	round
Material	Die-cast zinc
Sliding element material	iglidur® J
Anti-Reflex	No

Certificates and standards

