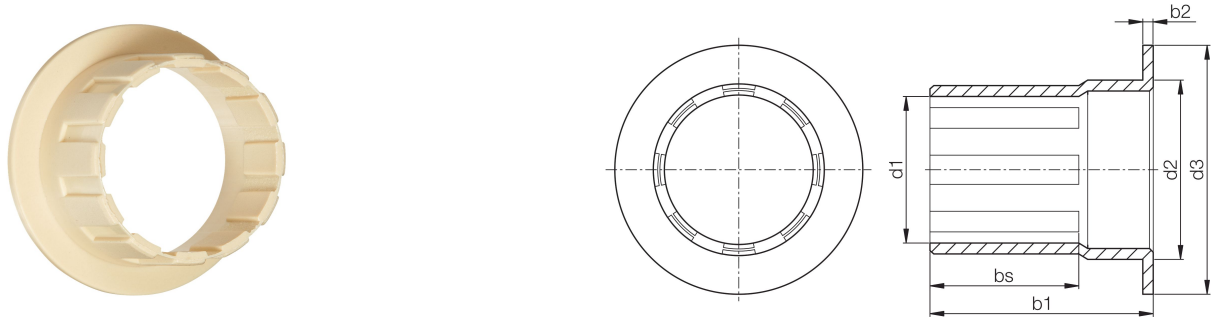


drylin® R press-fit bearing with flange WLFM

WLFM-1214-15



drylin® R press-fit bearing with flange WLFM

- Extremely wear-resistant
- Low coefficient of friction
- Vibration-dampening
- High static compressive strength
- Good chemical resistance
- Highly resistant to dirt
- Also suitable for soft and rough shafts

Part number	WLFM-1214-15
Ø d1	12 mm
b1	15 mm
b2	1 mm
bs	9 mm
Ø d2	14 mm
Ø d3 (Flange)	20 mm

Product description

Introducing the drylin R press-fit bearing with flange WLFM, a standout product known for its exceptional wear resistance and low friction. This bearing offers excellent vibration dampening and high static compressive strength, ensuring reliable performance. Its good chemical resistance and dirt resistance make it versatile for various applications, including compatibility with soft and rough shafts. Upgrade your projects with the durability and efficiency of the drylin R WLFM bearing.

Requirements

Mould-resistant according to DIN EN ISO 846 Procedure A	No
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Electricity attributes

Specific transitional resistance	> 10 ¹³ Ωcm, test method DIN IEC 93
Surface resistance	> 10 ¹¹ Ω, test method DIN 53482

Physical properties

Max. long-term application temperature	100 °C
Lower application temperature	-30 °C

Manufacturing and installation tolerances

d1 tolerance	+0.000 +0.050mm
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Dimensions

Ø d1	12 mm
Ø d2	14 mm
b1	15 mm
b2	1 mm

Mechanical properties

Modulus of elasticity	7500 MPa
Flexural strength (at 20°C/68°F)	150 MPa
Shore D hardness	79.0000
Max. recommended surface pressure	70 MPa
Maximum surface speed, rotating, continuous	1.5 m/s
Maximum surface speed, rotating, short-term	3 m/s
Maximum surface speed, oscillating, continuous	1.5 m/s
Maximum surface speed, oscillating, short-term	3 m/s
Maximum surface speed, linear, continuous	3 m/s
Maximum surface speed, linear, short-term	10 m/s

General properties

Density	1.35 g/cm ³
Colour	yellow
Max. moisture absorption	0.7 Wt.-%
Max. total moisture absorption	5.2 Wt.-%
Sliding element material	iglidur® L100

Certificates and standards



Additional information and diagrams

