

iglidur® J200, bar stock round bar

SFRJ200-7000



iglidur® J200, bar stock round bar

- Very long service life with hard anodised aluminium
- Low coefficients of friction
- Low wear
- For low to medium loads
- Lubrication and maintenance-free

Product description

Introducing the iglidur® J200 round bar, a top choice for creating maintenance-free sliding elements and plain bearings. Made from high-quality, lubrication-free materials, it boasts low coefficients of friction and wear, ensuring a long service life even under low to medium loads. Ideal for applications in medical technology, special machine construction, and plant construction, this bar stock is available in custom dimensions to meet your specific needs. Experience the reliability and flexibility of iglidur® J200 today.

Dimensions

Outer diameter d	70 mm
------------------	-------

Processing instructions

Sawing	undefined undefined
--------	---------------------

Electricity attributes

Specific transitional resistance	> 10 ⁸ (DIN IEC93)
Surface resistance	> 10 ⁸ (DIN 53482)

Properties and approvals

Certificates and standards (icons)	undefined undefined
------------------------------------	---------------------



Requirements

FDA compliant	No
EU 10/2011 compliant	No
ESD compliant	No
Mould-resistant according to DIN EN ISO 846 Procedure A	No
RoHS 2 compliant according to EU guideline 2011/65/EU	Yes

Thermal properties

Lower application temperature	-50 °C
Max. long-term application temperature	90 °C
Max. short-term application temperature	120 °C
Thermal expansion coefficient (at 23°C/73°F)	8 K ⁻¹ 10 ⁻⁵
Heat conductivity	0.25 W/(m K)

Mechanical properties

Modulus of elasticity	2800 MPa
Flexural strength (at 20°C/68°F)	58 MPa
Shore D hardness	70.0000
Compressive strength	43 MPa
Max. recommended surface pressure	23 MPa

General properties

Material	iglidur® J200
Density	1.72 g/cm³
Colour	matt grey
Max. moisture absorption	0.2 Wt.-%
Max. total moisture absorption	0.7 Wt.-%
Coefficient of friction, dynamic, against steel	0.11 - 0.17
pv value, max. (dry)	0.30 MPa m/s

Certificates and standards

