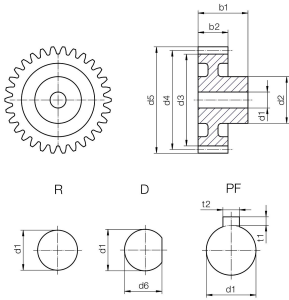


xirodur® B180, gear, mm
B180GM-ST-1-20-00-060-PF



xirodur® B180, gear, mm

- Low coefficient of friction
- Wear-resistant material for continuous operation
- Vibration-dampening
- Available in 3 hub designs

Product description

Introducing the xirodur® B180 gear, designed for optimal performance and durability. Made from wear-resistant material, it ensures continuous operation with low friction and effective vibration dampening. This environmentally friendly gear is FDA-compliant and maintenance-free, offering a long service life without the need for additional lubricants. Ideal for various applications, the xirodur® B180 is a cost-effective solution that supports sustainability while enhancing your technology.

Mechanical properties

Modulus of elasticity	2500 MPa
Modulus of elasticity test method	Test method DIN 53457
Flexural strength (at 20°C/68°F)	68 MPa
Flexural strength (at 20°C/68°F) test method	Test method DIN 53452

Thermal properties

Max. long-term application temperature	100 °C
Lower application temperature	-40 °C



General properties

Number of teeth	20
Module	1
Material	xirodur B180
Weight	4.386 g
Colour	White
Density	1.42 g/cm ³
Max. moisture absorption	0.2 Wt.-%
Max. moisture absorption test method	Test method DIN 53495
Max. total moisture absorption	0.7 Wt.-%
Hub design	Feather key
Helix angle	0 °

Dimensions

b2 tooth width	9 mm
t1	1 mm
t2	2 mm