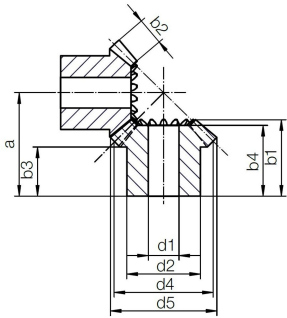


iguform S270 bevel gears - transmission 1:1.5
S270GM-BG-150-016-00-080-R-15



iguform S270 bevel gears - transmission 1:1.5

- Low coefficient of friction
- Low humidity absorption
- Quiet

b3	10.8 mm
b1	18.8 mm
b2	8 mm
Ø d1 bore diameter	8 mm
d5	26 mm
a	30 mm
d2	20 mm
Module	1.5
Number of teeth	16
Number of teeth	16

Product description

Introducing the iguform S270 bevel gears, designed for efficient transmission with a ratio of 1:1.5. These gears feature a low coefficient of friction and minimal humidity absorption, ensuring quiet operation. Crafted for economic high-volume production through injection molding, they are maintenance-free, reducing your lubrication costs. Available from stock with no minimum order quantity, these bevel gears are perfect for your next project. Experience innovation and cost-effectiveness with iguform S270.

Thermal properties

Lower application temperature	-40 °C
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Mechanical properties

Transmission	1:1,5
Modulus of elasticity	2400 MPa
Modulus of elasticity test method	Test method DIN 53457
Flexural strength (at 20°C/68°F)	65 MPa
Flexural strength (at 20°C/68°F) test method	Test method DIN 53452



Dimensions

Ø d1 bore diameter	8 mm
Module	1.5
b3	10.8 mm
b2	8 mm
a	30 mm
b1	18.8 mm
d5	26 mm
d2	20 mm

Requirements

Number of teeth	16
Module	1.5
Material	iguform S270
Colour	White
Density	1.41 g/cm ³
Max. moisture absorption	0.2 Wt.-%
Max. moisture absorption test method	Test method ISO 62
Max. total moisture absorption	0.65 Wt.-%
Max. water absorption test method	Test method ISO 62
Helix angle	0 °