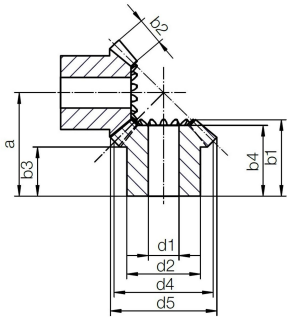


iguform S270 bevel gears - transmission 1:3
S270GM-BG-100-015-00-050-R-30



iguform S270 bevel gears - transmission 1:3

- Low coefficient of friction
- Low humidity absorption
- Quiet

b3	11.4 mm
b1	20.5 mm
b2	9 mm
Ø d1 bore diameter	5 mm
d5	16.4 mm
a	34.5 mm
d2	12.3 mm
Module	1
Number of teeth	15
Number of teeth	15

Product description

Introducing the iguform S270 bevel gears, designed for efficient transmission with a 1:3 ratio. Made from advanced materials, these gears feature a low coefficient of friction and low humidity absorption, ensuring a quiet operation. They are perfect for high-volume production thanks to their economic injection moulding process. With maintenance-free properties and no minimum order quantity, these bevel gears are readily available from stock. Optimize your machinery with the reliable performance of iguform S270.

Thermal properties

Lower application temperature	-40 °C
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Mechanical properties

Transmission	1:3
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	5 mm
Module	1
b3	11.4 mm
b2	9 mm
a	34.5 mm
b1	20.5 mm
d5	16.4 mm
d2	12.3 mm

Requirements

Number of teeth	15
Module	1
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 °