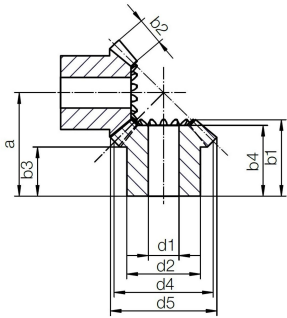


igutek P360 bevel gears - transmission 1:3
P360GM-BG-100-015-00-050-R-30



igutek P360 bevel gears - transmission 1:3

- Increased wear resistance
- Good tribological specifications
- Robust
- Resistant to shock loads

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 igutek P360 bevel gears with a transmission ratio of 1:3. These robust gears are designed for increased wear resistance and can withstand shock loads, ensuring durability in demanding applications. Manufactured through economical injection moulding, they are maintenance-free, reducing lubrication costs. Available from stock with no minimum order quantity, these gears offer flexibility for your projects. Combine them easily to achieve your desired transmission ratio. Elevate your technology with igutek P360 bevel gears.

Thermal properties

Lower application temperature	-30 °C
-------------------------------	--------

Mechanical properties

Transmission	1:3
Modulus of elasticity	1300 MPa
Modulus of elasticity test method	Test method ASTM D790
Flexural strength (at 20°C/68°F)	50 MPa
Flexural strength (at 20°C/68°F) test method	Test method ASTM D790



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	igutek P360
Colour	light beige
Density	1.24 g/cm ³
Max. moisture absorption	0.5 Wt.-%
Max. moisture absorption test method	Test method ASTM D570
Max. total moisture absorption	2.1 Wt.-%
Max. water absorption test method	Test method ASTM D570
Helix angle	0 °