

drygear® worm gear BB, installation size 50,
symmetrical

RL-D-50-105-48-010BB



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symmetrical

- Self-locking drive
- Available transmission ratios: 48:1, 70:1
- Slewing ring bearing version for high axial strength
- Asymmetrical output for the horizontal mounting position
- Suitable [motor kits](#) available
- Dry operation thanks to tribologically optimised polymers

Product description

Introducing the drygear® worm gear BB, installation size 50, symmetrical from igus. This innovative gear features a self-locking drive, ensuring reliability in various applications. Made from tribologically optimized high-performance polymers, it operates dry and maintenance-free. The symmetrical design allows for output on both sides, making it ideal for vertical installations. Enhance your setup with compatible motor kits designed for seamless integration. Experience efficient performance with the drygear® worm gear today.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 10 cNm
Efficiency	0.4
Max. axial dynamic load (horizontal installation)	1000 N
max. axial load (dynamic)	1000 N

General properties

Weight	1569.435 g
size	Size 50
Shipping weight (kg or kg/m)	1.569435
Transmission	48:1



Dimensions

A1	63 mm
L1	150 mm
B1	60 mm
B2	21.5 mm
G1	M6
G2	8xM6
H1	170.5 mm
L2	13 mm
S1	80 mm
S2	30 mm
Ø F	65 mm
Ø P	120 mm
Ø T	50 mm