

drygear® worm gear BB, installation size 20,
asymmetrical

RL-D-20-106-38-010B5



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asymmetrical

- Self-locking drive
- Available transmission ratios: 38:1, 70:1
- Ball bearing version for dynamic applications
- 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 20, asymmetrical from igus. This innovative gearbox operates dry and maintenance-free, thanks to its high-performance polymer construction. Designed for horizontal mounting, it features an asymmetrical output ideal for rotary applications in material handling and toolmaking. With a self-locking drive and compatibility with motor kits, it ensures reliable performance in dynamic settings. Experience efficiency and durability with the drygear® worm gear.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 5 cNm
Efficiency	0.45
Max. axial dynamic load (horizontal installation)	250 N
max. axial load (dynamic)	250 N

General properties

Weight	292.559 g
size	Size 20
Shipping weight (kg or kg/m)	0.292559
Transmission	38:1



Dimensions

A1	31 mm
H2	23 mm
L1	80 mm
B1	35 mm
B3	5 mm
G1	M4
G2	3xM4
H1	90.5 mm
L2	12 mm
S1	40 mm
S2	16 mm
Ø F	31 mm
Ø P	60 mm
Ø T	20 mm