

drygear® worm gear BB, installation size 20,
symmetrical

RL-D-20-105-38-010BB



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symmetrical

- Self-locking drive
- Available transmission ratios: 38:1, 70:1
- Ball bearing version for dynamic applications
- Symmetrical output for vertical installation position
- Suitable [motor kits](#) available
- Dry operation thanks to tribologically optimised polymers

Product description

Introducing the drygear® worm gear BB, installation size 20, symmetrical from igus. This innovative gearbox features a self-locking drive and is designed for vertical installations, making it ideal for swivelling applications. Crafted from tribologically optimized high-performance polymers, it operates dry and maintenance-free. With a symmetrical output and compatibility with various motor kits, this gearbox is perfect for robotics and material handling. Experience reliable performance and efficiency 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	324.157 g
size	Size 20
Shipping weight (kg or kg/m)	0.324157
Transmission	38:1



Dimensions

A1	31 mm
L1	80 mm
B1	35 mm
B2	10.5 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