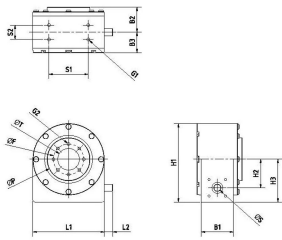


drygear® worm gear BB, installation size 30,
asymmetrical
RL-D-30-106-5-010B5



drygear® worm gear BB, installation size 30,
asymmetrical

- Self-locking drive
- Available transmissions: 5:1, 50:1, 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 30, asymmetrical from igus. This innovative gearbox features a self-locking drive and operates dry, thanks to its high-performance polymer construction. Designed for horizontal installation, it excels in rotating applications like rotary tables and material handling. The drygear® series ensures maintenance-free operation and is compatible with various motor kits, making it a versatile choice for your robotics and automation needs.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 7 cNm
Efficiency	0.65
Max. axial dynamic load (horizontal installation)	450 N
max. axial load (dynamic)	450 N

General properties

Weight	496.625 g
size	Size 30
Shipping weight (kg or kg/m)	0.496625
Transmission	5:1



Dimensions

A1	40 mm
H2	23 mm
L1	100 mm
B1	45 mm
B3	6 mm
G1	M4
G2	8xM4
H1	110.5 mm
L2	12 mm
S1	55 mm
S2	20 mm
Ø F	42.5 mm
Ø P	82 mm
Ø T	30 mm