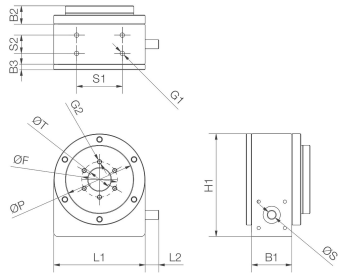
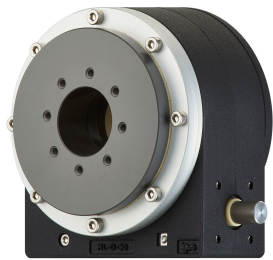


drygear® worm gear PRT, installation size 30,
asymmetrical

RL-D-30-102-5-01035



drygear® worm gear PRT, installation size 30,
asymmetrical

- Self-locking drive
- Available transmissions: 5:1, 50:1, 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

A1	40 mm
H2	40 mm
L1	100 mm
Weight	734.458 g
S2	6xM4
Backlash	0.5 °
S1	M4
B1	45 mm
B2	19.5 mm
B3	6 mm
H1	110.5 mm
L2	12 mm
Ø F	42.5 mm
Ø P	82 mm
Ø T	30 mm
size	Size 30

Product description

Introducing the drygear® worm gear PRT, installation size 30, asymmetrical by igus. This innovative worm gear features a self-locking drive and operates dry, thanks to its high-performance polymer construction. Ideal for horizontal mounting, it excels in material handling and rotary applications. Designed for high axial strength, it includes options for motor kits, making it a versatile choice for various projects. Experience maintenance-free operation and reliable performance with this exceptional gear.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 7 cNm
Efficiency	0.65
Max. axial dynamic load (horizontal installation)	700 N
max. axial load (dynamic)	700 N



General properties

Weight	734.458 g
size	Size 30
Shipping weight (kg or kg/m)	0.734458
Transmission	5:1

Dimensions

A1	40 mm
H2	40 mm
L1	100 mm
B1	45 mm
B2	19.5 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