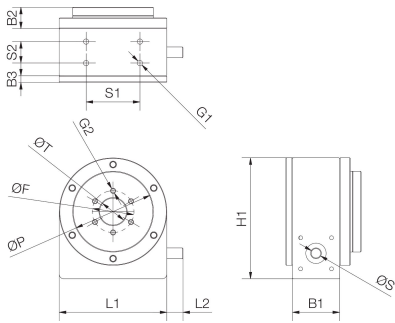
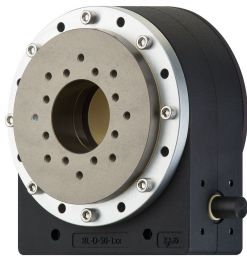


drygear® worm gear PRT, installation size 50,
asymmetrical
RL-D-50-102-70-01035



drygear® worm gear PRT, installation size 50,
asymmetrical

- 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

A1	63 mm
H2	63 mm
L1	150 mm
Weight	2123.7185 g
S2	8xM6
Backlash	0.5 °
S1	M6
B1	60 mm
B2	21.5 mm
B3	6 mm
H1	170.5 mm
L2	13 mm
Ø F	65 mm
Ø P	120 mm
Ø T	50 mm
size	Size 50

Product description

Introducing the drygear® worm gear PRT, installation size 50, asymmetrical from igus. This innovative gearbox features a self-locking drive and operates dry, thanks to its high-performance polymer construction, ensuring maintenance-free use. Designed for horizontal mounting, it is ideal for rotary applications in material handling and toolmaking. The slewing ring bearing variant offers high axial strength, making it a reliable choice for your projects. Explore suitable motor kits for enhanced functionality.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 10 cNm
Efficiency	0.3
Max. axial dynamic load (horizontal installation)	1200 N
max. axial load (dynamic)	1200 N



General properties

Weight	2123.7185 g
size	Size 50
Shipping weight (kg or kg/m)	2.1237185
Transmission	70:1

Dimensions

A1	63 mm
H2	63 mm
L1	150 mm
B1	60 mm
B2	21.5 mm
B3	6 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