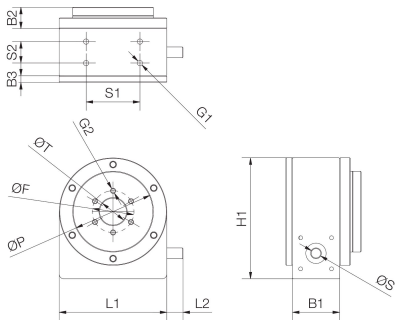
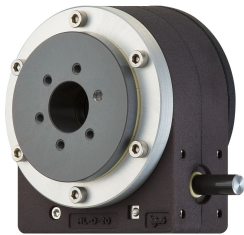


drygear® worm gear PRT, installation size 20,
asymmetrical
RL-D-20-102-70-01035



drygear® worm gear PRT, installation size 20,
asymmetrical

- Self-locking drive
- Available transmission ratios: 38:1, 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	31 mm
H2	31 mm
L1	80 mm
Weight	449.553 g
S2	6xM4
Backlash	0.5 °
S1	M4
B1	35 mm
B2	16 mm
B3	5 mm
H1	90.5 mm
L2	12 mm
Ø F	31 mm
Ø P	60 mm
Ø T	20 mm
size	Size 20

Product description

Introducing the drygear® worm gear PRT, installation size 20, asymmetrical from igus. This innovative gearbox features a self-locking drive and is designed for horizontal mounting, making it perfect for rotary tables and applications in material handling. Crafted from high-performance polymers, it operates dry and maintenance-free, ensuring reliability. The slewing ring bearing variant offers high axial strength, while compatible motor kits enhance versatility. Experience efficient performance with this advanced worm gear solution.

Mechanical properties

Backlash	0.5 °
Breakaway torque	< 5 cNm
Efficiency	0.35
Max. axial dynamic load (horizontal installation)	500 N
max. axial load (dynamic)	500 N



General properties

Weight	449.553 g
size	Size 20
Shipping weight (kg or kg/m)	0.449553
Transmission	70:1

Dimensions

A1	31 mm
H2	31 mm
L1	80 mm
B1	35 mm
B2	16 mm
B3	5 mm
G1	M4
G2	6xM4
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