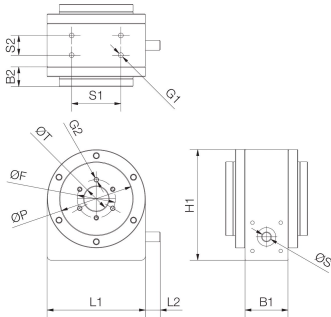
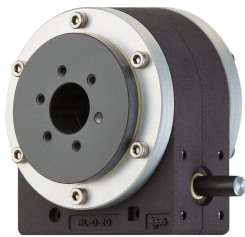


drygear® worm gear PRT, installation size 20,
symmetrical
RL-D-20-101-70-01033



drygear® worm gear PRT, installation size 20,
symmetrical

- Self-locking drive
- Available transmission ratios: 38:1, 70:1
- Slewing ring bearing version for high axial strength
- Symmetrical drive for vertical mounting position
- Suitable [motor kits](#) available
- Dry operation thanks to tribologically optimised polymers

A1	31 mm
H2	23 mm
L1	80 mm
Weight	592.895 g
S2	6xM4
Backlash	0.5 °
S1	M4
B1	35 mm
B2	16 mm
H1	90 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, symmetrical from igus. This innovative drive features a self-locking mechanism and operates dry, thanks to its high-performance polymer construction, ensuring maintenance-free use. Designed for vertical mounting, it offers a symmetrical output on both sides, making it ideal for swivelling applications. Enhance your setup with compatible motor kits available for seamless integration. Experience reliable performance with the drygear® worm gear today.

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	592.895 g
size	Size 20
Shipping weight (kg or kg/m)	0.592895
Transmission	70:1

Dimensions

A1	31 mm
H2	23 mm
L1	80 mm
B1	35 mm
B2	16 mm
B3	16 mm
G1	M4
G2	6xM4
H1	90 mm
L2	12 mm
S1	40 mm
Ø F	31 mm
Ø P	60 mm
Ø T	20 mm