

Micro Planetary Gearheads

0,15 mNm

For combination with
Brushless DC-Motors

Series 02/1

	02/1
Housing material	plastic
Geartrain material	plastic
Recommended max. input speed for:	
– continuous operation	20 000 rpm
Backlash, at no-load	-
Bearings on output shaft	sleeve bearing
Shaft load, max.:	
– radial (1 mm from mounting face)	≤ 0,5 N
– axial	≤ 0,5 N
Shaft press fit force, max.	≤ 1 N
Shaft play	
– radial (1,2 mm from mounting face)	≤ 0,05 mm
– axial	≤ 0,03 mm
Operating temperature range	- 20 ... + 60 °C

Specifications

	2	3
Number of gear stages		
Continuous torque	mNm 0,15	0,15
Intermittent torque	mNm 0,3	0,3
Weight without motor, ca.	g 0,09	0,09
Efficiency, max.	% 60	50
direction of rotation, drive to output	=	=
Reduction ratio ¹⁾ (rounded)	13:1	47:1
L2 [mm] = length without motor	3,02	3,78
L1 [mm] = length with motor 0206A...B	8,82	9,58

¹⁾ The reduction ratios are rounded, the exact values are available on request or at www.faulhaber.com.

Note: These gearheads are available only with motors mounted.
For more robust handling, the motor-gearhead combination is also available with a reinforcing tube with an diameter of Ø 2,2 mm.

