

Micro Planetary Gearheads

0,15 mNm

For combination with Brushless DC-Motors

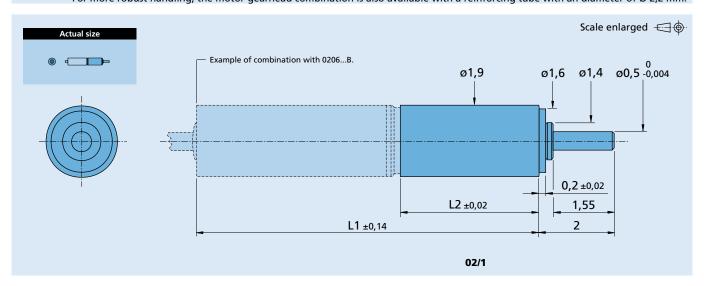
Series 02/1

	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
Number of gear stages 2 3
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⁾ 13:1 47:1
(rounded)
L2 [mm] = length without motor 3,02 3,78
L1 [mm] = length with motor 0206AB 8,82 9,58

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.



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