

# Micro Planetary Gearheads

smoovy® Technology

0,88 mNm

For combination with  
Micro Brushless DC-Motors:  
0308


## Series 03A

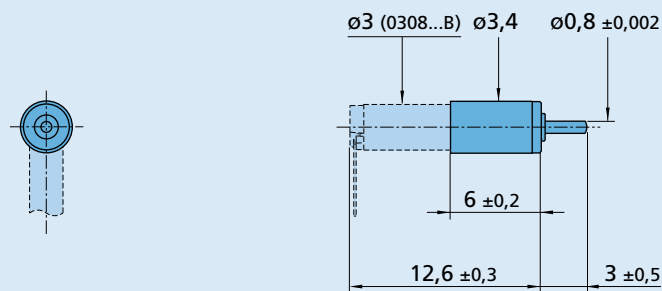
	03A
Housing material	plastic
Geartrain material	steel
Recommended max. input speed for:	
– continuous operation	15 000 rpm
Backlash, at no-load	4°
Bearings on output shaft	bronze
Shaft load max.:	
– radial (1,5 mm from mounting face)	0,1 N
– axial	0,2 N
Shaft press fit force, max.	1 N
Shaft play (on bearing output):	
– radial	≤ 0,03 mm
– axial	≤ 0,15 mm
Operating temperature range	– 20 ... + 60°C

## Specifications

reduction ratio (absolute)	weight without motor g	output torque		direction- of rotation (reversible)
		continuous operation M <sub>max</sub> mNm	intermittent operation M <sub>max</sub> mNm	
25 : 1	0,20	0,28	0,42	=
125 : 1	0,18	0,88	1,32	=

**Note:** The Planetary Gearheads are only available in combination with the micro brushless DC-motor series 0308 ... B.

Scale enlarged M2:1 



03A