

# Micro Planetary Gearheads

smoovy® Technology

## 25 mNm

For combination with  
Micro Brushless DC-Motors:  
0515


### Series 06A

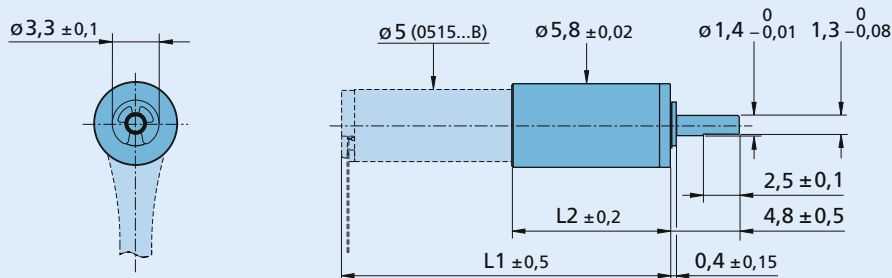
06A	
Housing material	plastic
Geartrain material	bronze
Recommended max. input speed for: – continuous operation	15 000 rpm
Backlash, at no-load	4°
Bearings on output shaft	bronze
Shaft load max.:	
– radial (2,5 mm from mounting face)	≤ 0,3 N
– axial	≤ 0,5 N
Shaft press fit force, max.	2 N
Shaft play (on bearing output):	
– radial	≤ 0,03 mm
– axial	≤ 0,1 mm
Operating temperature range	– 20 ... + 60°C

### Specifications

reduction ratio (absolute)	weight without motor g	length without motor L2 mm	length with motor 0515 B L1 mm	output torque		direction- of rotation (reversible)
				continuous operation M <sub>max</sub> mNm	intermittent operation M <sub>max</sub> mNm	
25 : 1	1,24	11,0	22,8	1,2	1,8	=
125 : 1	1,32	11,0	22,8	6,0	9,0	=
625 : 1	1,40	12,7	24,5	25,0	37,5	=

**Note:** The Planetary Gearheads are only available in combination with the micro brushless DC-motor series 0515 ... B.

Scale enlarged M2:1 



06A