

Micro Planetary Gearheads

smoovy® Technology

0,88 mNm

For combination with
Brushless DC-Motors


Series 03A

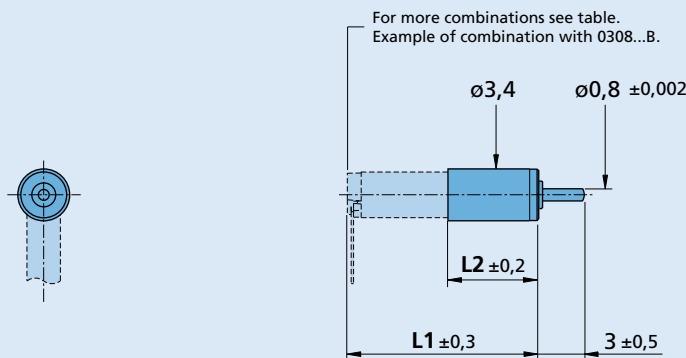
	03A
Housing material	plastic
Geartrain material	steel
Recommended max. input speed for:	
– continuous operation	15 000 rpm
Backlash, at no-load	≤ 4 °
Bearings on output shaft	bronze
Shaft load, max.:	
– radial (1,5 mm from mounting face)	≤ 0,1 N
– axial	≤ 0,2 N
Shaft press fit force, max.	≤ 1 N
Shaft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

Specifications

	2	3
Number of gear stages		
Continuous torque	mNm 0,28	0,88
Intermittent torque	mNm 0,42	1,32
Weight without motor, ca.	g 0,2	0,18
Efficiency, max.	-	-
Direction of rotation, drive to output	=	=
Reduction ratio (exact)	25:1	125:1
L2 [mm] = length without motor	6,0	6,0
L1 [mm] = length with motor 0308A...B	12,6	12,6

Note: These gearheads are available only with motors mounted.

Scale enlarged 



03A