

Micro Planetary Gearheads

smoovy® Technology

25 mNm

For combination with
Brushless DC-Motors

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	
– radial (2,5 mm from mounting face)	≤ 0,03 mm
– axial	≤ 0,1 mm
Operating temperature range	- 20 ... + 60 °C

Specifications

	2	3	3
Number of gear stages			
Continuous torque	mNm 1,2	6	25
Intermittent torque	mNm 1,8	9	37,5
Weight without motor, ca.	g 1,24	1,32	1,4
Efficiency, max.	-	-	-
Direction of rotation, drive to output	=	=	=
Reduction ratio (exact)	25:1	125:1	625:1
L2 [mm] = length without motor	11,0	11,0	12,7
L1 [mm] = length with motor 0515A...B	22,8	22,8	24,5

Note: These gearheads are available only with motors mounted.

Scale enlarged 

