

# Linear Actuators

smoovy® Technology

2,8 N

For combination with  
Brushless DC-Motors


## Series 03A S3

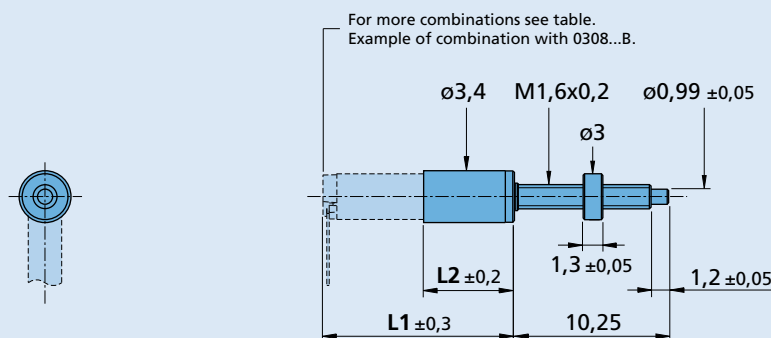
	03A S3
Housing material	plastic
Geartrain material	steel
Screw material	steel
Nut material	bronze
Recommended max. input speed for:	
– continuous operation	15 000 rpm
Max. linear travel	7 mm
Bearings on output shaft	bronze
Shaft play (2 mm from mounting face):	
– radial	≤ 0,07 mm
– axial	≤ 0,15 mm
Operating temperature range	- 20 ... + 60 °C

### Specifications

Number of gear stages		2	3
Push force, continuous	N	0,47	2,8
Push force, intermittent	N	0,7	4,2
Weight without motor, ca.	g	0,36	0,34
Max. speed	mm/min	120	24
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.  
Capability of pushing/pulling the nut requires a bearing at the end of the shaft.

Scale enlarged 



03A S3