

Linear Actuators

smoovy® Technology

2,8 N

For combination with
Micro Brushless DC-Motors:
0308

Series 03A S3


	03A S3
Housing material	plastic
Geartrain and spindel 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 (on bearing output):	
– radial	≤ 0,03 mm
– axial	≤ 0,15 mm
Operating temperature range	– 20 ... + 60°C

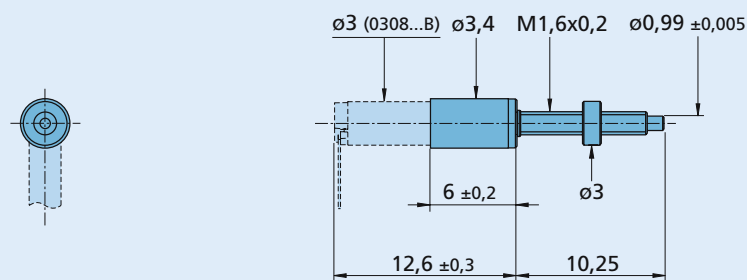
Specifications

reduction ratio (absolute)	Max. speed	weight without motor	Nominal push force ¹⁾		direction- of rotation (reversible)
			continuous operation	intermittent operation	
	mm/min	g	F _{max} N	F _{max.} N	
25 : 1	120	0,36	0,47	0,7	=
125 : 1	24	0,34	2,80	4,2	=

¹⁾ Capability of pushing/pulling the nut with a bearing at the end of the shaft.

Note: The Linear Actuators are only available in combination with the micro brushless DC-motor series 0308 ... B.

Scale enlarged M2:1 



03A S3