

Linear Actuators

smoovy® Technology

41 N

For combination with
Micro Brushless DC-Motors:
0515

Series 06A S2

06A S2	
Housing material	plastic
Geartrain material	bronze
Screw material	steel
Nut material	bronze
Recommended max. input speed for:	
– continuous operation	15 000 rpm
Max. linear travel	12 mm
Bearings on output shaft	bronze
Shaft play (on bearing output):	
– radial	≤ 0,03 mm
– axial	≤ 0,1 mm
Operating temperature range	– 20 ... + 60 °C

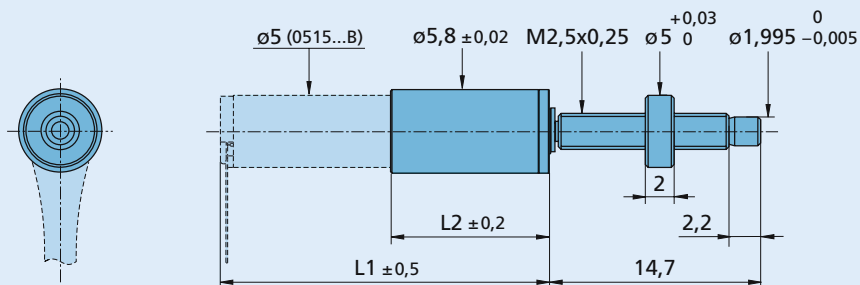
Specifications

reduction ratio (absolute)	Max. speed	weight without motor	length without motor L2 mm	length with motor 0515 B L1 mm	Nominal push force ¹⁾		direction- of rotation (reversible)
					continuous operation F _{max} N	intermittent operation F _{max.} N	
25 : 1	150 mm/min	1,79 g	11,0 mm	22,8 mm	1,6 N	2,4 N	=
125 : 1	30	1,92	11,0	22,8	15,7	23,6	=
625 : 1	6	2,05	12,7	24,5	41,2	61,8	=

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 0515 ... B.

Scale enlarged M2:1



06A S2