

Linear Actuators

smoovy® Technology

41 N

For combination with
Brushless DC-Motors


Series 06A S2

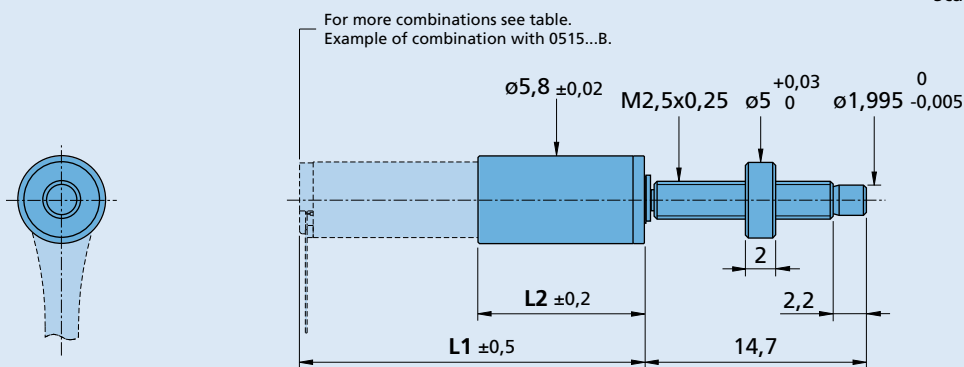
	06A S2
Housing material	plastic
Geartrain material	bronze
Screw material	steel
Nut material	bronze
Recommended max. input speed for:	
– continuous operation	15 000 rpm
Max. linear travel	12 mm
Bearings on output shaft	bronze
Shaft play (3 mm from mounting face):	
– radial	≤ 0,05 mm
– axial	≤ 0,1 mm
Operating temperature range	- 20 ... + 60 °C

Specifications

	2	3	4
Number of gear stages			
Push force, continuous	N 1,6	15,7	41,2
Push force, intermittent	N 2,4	23,6	61,8
Weight without motor, ca.	g 1,79	1,92	2,05
Max. speed	mm/min 150	30	6
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.
Capability of pushing/pulling the nut requires a bearing at the end of the shaft.

Scale enlarged 



06A S2