

Planetary Gearheads

25 mNm

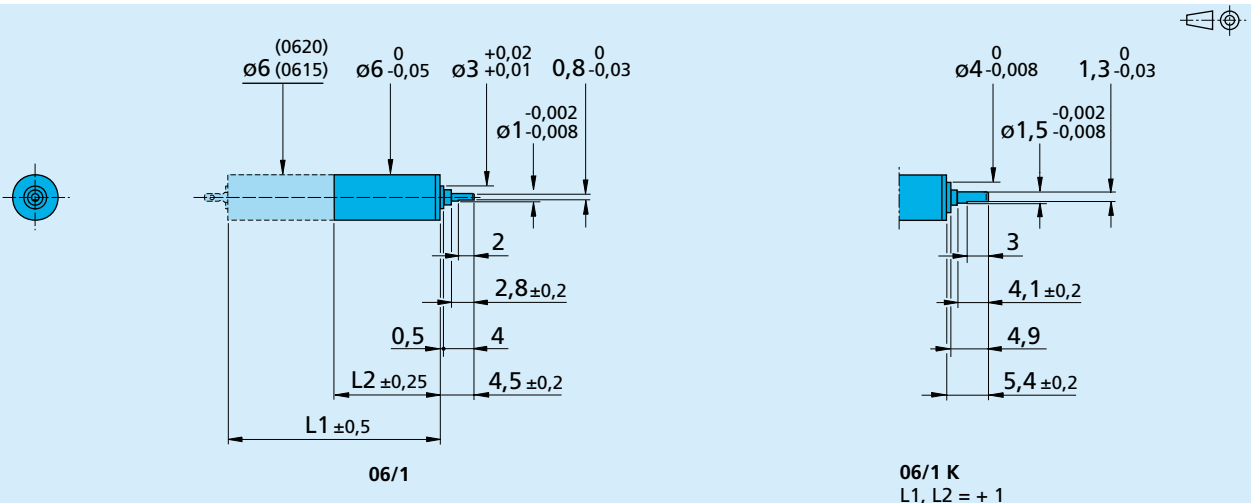
For combination with (overview on page 14-15)
 DC-Micromotors:
 0615
 Brushless DC-Servomotors:
 0620

Series 06/1

	06/1	06/1 K
Housing material	steel	steel
Geartrain material	steel	steel
Recommended max. input speed for:		
– for continuous operation	8 000 rpm	8 000 rpm
Backlash, typical, at no-load	≤ 3°	≤ 3°
Bearings on output shaft	sintered sleeve bearings	ball bearings
Shaft load, max.		
– radial	≤ 0,5 N (3,5 mm from mounting face)	≤ 5 N (3,9 mm from mounting face)
– axial	≤ 0,5 N	≤ 3 N
Shaft press fit force, max.	≤ 3,5 N	≤ 5 N
Shaft play (on bearing output):		
– radial	≤ 0,03 mm	≤ 0,02 mm
– axial	≤ 0,1 mm	≤ 0,05 mm
Operating temperature range	– 30° ... + 100° C	– 30° ... + 100° C

Specifications

reduction ratio	weight without motor	length without motor	length with motor		output torque		direction of rotation (reversible)	efficiency
			0615 C	0620 C	continuous operation	intermittent operation		
	g	L2 mm	L1 mm	L1 mm	M max. mNm	M max. mNm		%
4 :1	2,0	9,2	24,2	29,2	25	35	=	90
16 :1	2,8	11,9	26,9	31,9	25	35	=	80
64 :1	3,4	14,6	29,6	34,6	25	35	=	70
256 :1	4,0	17,3	32,3	37,3	25	35	=	60
1 024 :1	4,4	20,0	35,0	40,0	25	35	=	55
4 096 :1	5,0	22,7	37,7	42,7	25	35	=	48



For details on technical information and lifetime performance refer to pages 118-122.

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Specifications subject to change without notice.