

Planetary Gearheads

0,3 Nm

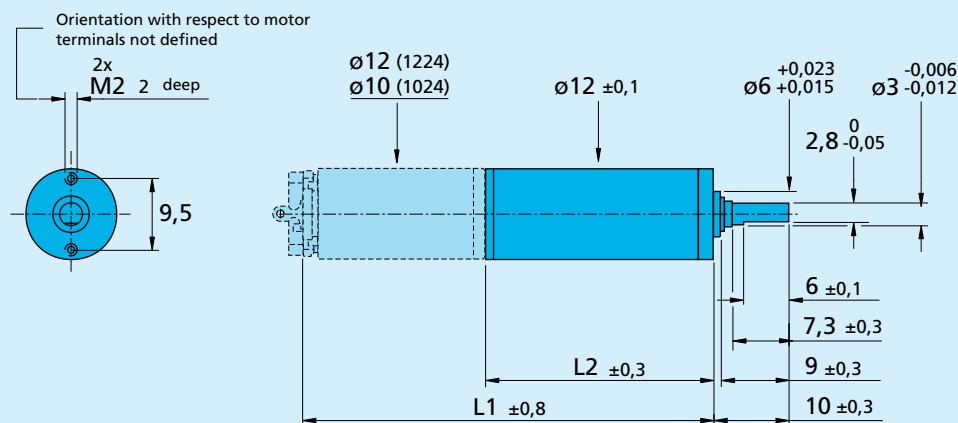
For combination with (overview on page 14-15)
DC-Micromotors:
1024, 1224

Series 12/4

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Housing material	metal
Geartrain material	metal
Recommended max. input speed for:	
– continuous operation	5 000 rpm
Backlash, at no-load	≤ 3°
Bearings on output shaft	sintered sleeve bearings
Shaft load, max.:	
– radial (6 mm from mounting face)	≤ 4 N
– axial	≤ 3 N
Shaft press fit force, max.	≤ 15 N
Shaft play (on bearing output):	
– radial	≤ 0,03 mm
– axial	≤ 0,1 mm
Operating temperature range	– 30 ... + 100 °C

Specifications

reduction ratio	weight without motor	length without motor L2	length with motor		output torque		direction of rotation (reversible)	efficiency
			1024 A L1	1224 A L1	continuous operation M max. mNm	intermittent operation M max. mNm		
	g	mm	mm	mm				%
4:1	12	15,1	38,8	39,3	300	450	=	90
16:1	15	19,7	43,4	43,9	300	450	=	80
64:1	18	24,3	48,0	48,5	300	450	=	70
256:1	21	28,9	52,6	53,1	300	450	=	60
1 024:1	24	33,5	57,2	57,7	300	450	=	55



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