

Planetary Gearheads

25 mNm

For combination with

DC-Micromotors:
0615

Brushless DC-Servomotors:
0620

Stepper Motors:
ADM0620

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 (3,5 mm from mounting face)	≤ 0,5 N	≤ 5 N
– axial	≤ 0,5 N	≤ 3 N
Shaft press fit force, max.	≤ 3,5 N	≤ 5 N
Shaft play:		
– radial (3,5 mm from mounting face)	≤ 0,04 mm	≤ 0,05 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	ADM 0620	continuous operation	intermittent operation		
	g	mm	L1 mm	L1 mm	L1 mm	M max. mNm	M max. mNm		%
4 :1	2,0	9,2	24,2	29,2	18,5	25	35	=	90
16 :1	2,8	11,9	26,9	31,9	21,2	25	35	=	80
64 :1	3,4	14,6	29,6	34,6	23,9	25	35	=	70
256 :1	4,0	17,3	32,3	37,3	26,6	25	35	=	60
1 024 :1	4,4	20,0	35,0	40,0	29,3	25	35	=	55
4 096 :1	5,0	22,7	37,7	42,7	32,0	25	35	=	48

