

Planetary Gearheads

25 mNm

For combination with
DC-Micromotors
Brushless DC-Motors
Stepper Motors

Series 06/1

	06/1	06/1K
Housing material	steel	steel
Geartrain material	steel	steel
Recommended max. input speed for:		
– continuous operation	8 000 rpm	8 000 rpm
Backlash, at no-load	$\leq 3^\circ$	$\leq 3^\circ$
Bearings on output shaft	sintered bearings	ball bearings
Shaft load, max.:		
– radial (3,5 mm from mounting face)	$\leq 0,5$ N	≤ 5 N
– axial	$\leq 0,5$ N	≤ 3 N
Shaft press fit force, max.	$\leq 3,5$ N	≤ 5 N
Shaft play		
– radial (3,5 mm from mounting face)	$\leq 0,04$ mm	$\leq 0,05$ mm
– axial	$\leq 0,1$ mm	$\leq 0,05$ mm
Operating temperature range	- 30 ... + 100 °C	- 30 ... + 100 °C

Specifications

	1	2	3	4	5	6
Number of gear stages						
Continuous torque	mNm 25	25	25	25	25	25
Intermittent torque	mNm 35	35	35	35	35	35
Weight without motor, ca.	g 2	2,8	3,4	4	4,4	5
Efficiency, max.	% 90	80	70	60	55	48
Direction of rotation, drive to output	=	=	=	=	=	=
Reduction ratio (exact)	4:1	16:1	64:1	256:1	1 024:1	4 096:1
L2 [mm] = length without motor	9,2	11,9	14,6	17,3	20,0	22,7
L1 [mm] = length with motor	0615C...S 24,2	26,9	29,6	32,3	35,0	37,7
	0620C...B 29,2	31,9	34,6	37,3	40,0	42,7
	ADM0620...-05 18,7	21,4	24,1	26,8	29,5	32,2

