

# Planetary Gearheads

1 Nm

For combination with  
DC-Micromotors  
Brushless DC-Motors

## Series 26A

	26A	26AK
Housing material	plastic	plastic
Geartrain material	plastic	plastic
Recommended max. input speed for:		
– continuous operation	5 000 min <sup>-1</sup>	5 000 min <sup>-1</sup>
Backlash, at no-load	≤ 3 °	≤ 3 °
Bearings on output shaft	sintered bearings	ball bearings
Shaft load, max.:		
– radial (10 mm from mounting face)	≤ 4 N	≤ 60 N
– axial	≤ 4 N	≤ 15 N
Shaft press fit force, max.	≤ 20 N	≤ 20 N
Shaft play		
– radial (10 mm from mounting face)	≤ 0,08 mm	≤ 0,1 mm
– axial	≤ 0,25 mm	≤ 0,25 mm
Operating temperature range	- 30 ... + 65 °C	- 30 ... + 85 °C

Technical data		2	2	3	3	4	4
Number of gear stages							
Continuous torque	mNm	300	300	750	800	900	1 000
Intermittent torque	mNm	500	600	1 100	1 200	1 400	1 500
Mass without motor, ca.	g	21	21	23	23	25	25
Efficiency, max.	%	81	81	73	73	64	64
Direction of rotation, drive to output		=	=	=	=	=	=
Reduction ratio <sup>1)</sup> (rounded)		13:1	16:1	40:1	50:1 64:1	124:1	158:1 201:1 256:1
L2 [mm] = length without motor		32,7	32,7	38,5	38,5	44,3	44,3
L1 [mm] = length with motor							
	2232U...SR	67,4	67,4	73,2	73,2	79,0	79,0
	2237S...CXR	69,7	69,7	75,5	75,5	81,3	81,3
	2342S...CR	74,7	74,7	80,5	80,5	86,3	86,3
	2642W...CR/CXR	74,7	74,7	80,5	80,5	86,3	86,3
	2657W...CR/CXR	89,7	89,7	95,5	95,5	101,3	101,3
	2668W...CR	100,7	100,7	106,5	106,5	112,3	112,3
	2232S...BX4	66,5	66,5	72,3	72,3	78,1	78,1
	2250S...BX4(S)	84,5	84,5	90,3	90,3	96,1	96,1
	3216W...BXTH	49,5	49,5	55,3	55,3	61,1	61,1
	3216W...BXTR	48,7	48,7	54,5	54,5	60,3	60,3

<sup>1)</sup> The reduction ratios are rounded, the exact values are available on request or at [www.faulhaber.com](http://www.faulhaber.com).

**Note:** These gearheads are available only with motors mounted.

