

Planetary Gearheads

1 Nm

For combination with
Brushless DC-Motors
DC-Micromotors

Series 26A

	26A	26AK
Housing material	plastic	plastic
Geartrain material	plastic	plastic
Recommended max. input speed for:		
– continuous operation	5 000 min ⁻¹	5 000 min ⁻¹
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 ¹⁾ (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							
2232S...BX4		66,5	66,5	72,3	72,3	78,1	78,1
2250S...BX4		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
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

¹⁾ The reduction ratios are rounded, the exact values are available on request or at www.faulhaber.com.

Note: These gearheads are available only with motors mounted.

