

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 rpm	5 000 rpm
Backlash, at no-load	$\leq 3^\circ$	$\leq 3^\circ$
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)	$\leq 0,08$ mm	$\leq 0,1$ mm
– axial	$\leq 0,25$ mm	$\leq 0,25$ mm
Operating temperature range	- 30 ... + 65 °C	- 30 ... + 85 °C

Specifications

	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
Weight 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							
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		74,7	74,7	80,5	80,5	86,3	86,3
2642W...CXR		74,7	74,7	80,5	80,5	86,3	86,3
2657W...CR		89,7	89,7	95,5	95,5	101,3	101,3
2657W...CXR		89,7	89,7	95,5	95,5	101,3	101,3
2232S...BX4(S)		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

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.

