

Planetary Gearheads

1 Nm

For combination with
 DC-Micromotors:
 2232, 2342, 2642, 2657
 Brushless DC-Servomotors:
 2444

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	≤ 3°	≤ 3°
Bearings on output shaft	sintered sleeve 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 (5 mm from mounting face)	≤ 0,05 mm	≤ 0,04 mm
– axial	≤ 0,25 mm	≤ 0,25 mm
Operating temperature range	– 30 ... + 65 °C	– 30 ... + 85 °C

Specifications

reduction ratio (nominal)	number of gear stages	weight without motor	length without motor	length with motor				output torque		direction of rotation (reversible)	efficiency
				2232 R	2444 S	2342 W 2642 W	2657 W	continuous operation	intermittent operation		
		g	L2 mm	L1 mm	L1 mm	L1 mm	L1 mm	M max. mNm	M max. mNm	=	%
13 :1	2	21	32,7	67,4	76,7	74,7	89,7	300	500	=	81
16 :1	2	21	32,7	67,4	76,7	74,7	89,7	300	600	=	81
40 :1	3	23	38,5	73,2	82,5	80,5	95,5	750	1 100	=	73
50 :1	3	23	38,5	73,2	82,5	80,5	95,5	800	1 200	=	73
64 :1	3	23	38,5	73,2	82,5	80,5	95,5	800	1 200	=	73
124 :1	4	25	44,3	79,0	88,3	86,3	101,3	900	1 400	=	64
158 :1	4	25	44,3	79,0	88,3	86,3	101,3	1 000	1 500	=	64
201 :1	4	25	44,3	79,0	88,3	86,3	101,3	1 000	1 500	=	60
256 :1	4	25	44,3	79,0	88,3	86,3	101,3	1 000	1 500	=	60

Note: Reduction ratios are rounded. Exact values available on request.

