

## **Planetary Gearheads**

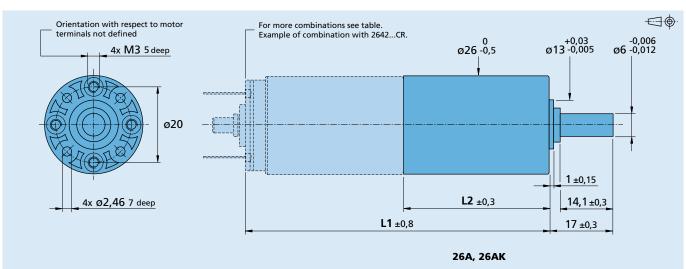
## 1 Nm

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.:	_	
<ul><li>radial (10 mm from mounting face)</li></ul>	≤ 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								
Number of gear stages		2	2	3	3	4	4	
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)		13:1	16:1	40:1	50:1	124:1	158:1	
(rounded)					64:1		201:1	
							256:1	
<b>L2</b> [mm] = length without mot		32,7	32,7	38,5	38,5	44,3	44,3	
<b>L1</b> [mm] = length with motor		67,4	67,4	73,2	73,2	79,0	79,0	
	2237SCXR	69,7	69,7	75,5	75,5	81,3	81,3	
	2342SCR	74,7	74,7	80,5	80,5	86,3	86,3	
	2642WCR/CXR	74,7	74,7	80,5	80,5	86,3	86,3	
	2657WCR/CXR	89,7	89,7	95,5	95,5	101,3	101,3	
	2668WCR	100,7	100,7	106,5	106,5	112,3	112,3	
	2232SBX4	66,5	66,5	72,3	72,3	78,1	78,1	
	2250SBX4(S)	84,5	84,5	90,3	90,3	96,1	96,1	
	3216WBXTH	49,5	49,5	55,3	55,3	61,1	61,1	
	3216WBXTR	48,7	48,7	54,5	54,5	60,3	60,3	

These gearheads are available only with motors mounted. Note:



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