Planetary Gearheads

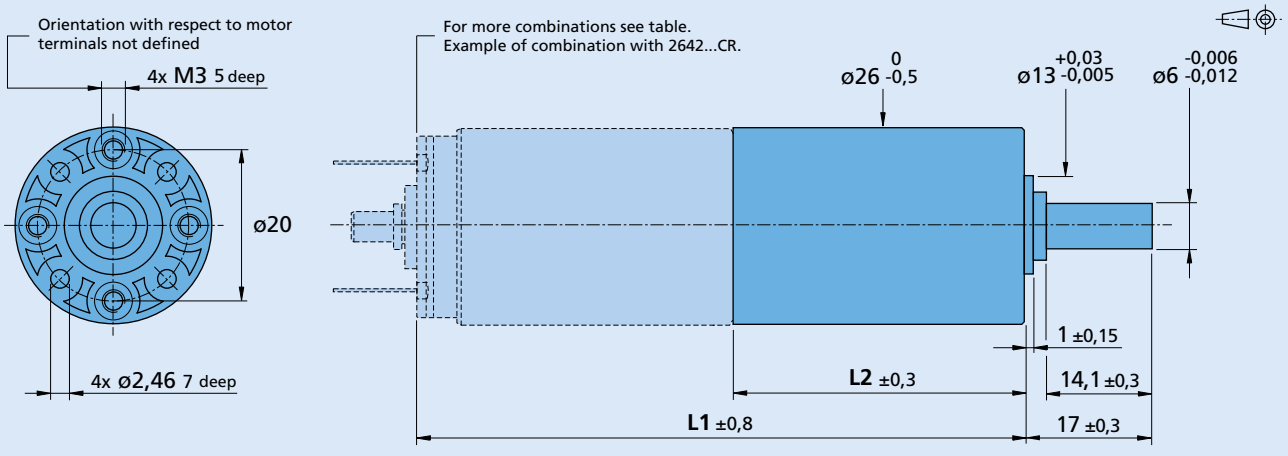
Series 26A

	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							
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] (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	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

[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.



26A, 26AK

For notes on technical data and lifetime performance refer to "Technical Information".

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