Spur Gearheads

Zero Backlash

Series 22/5

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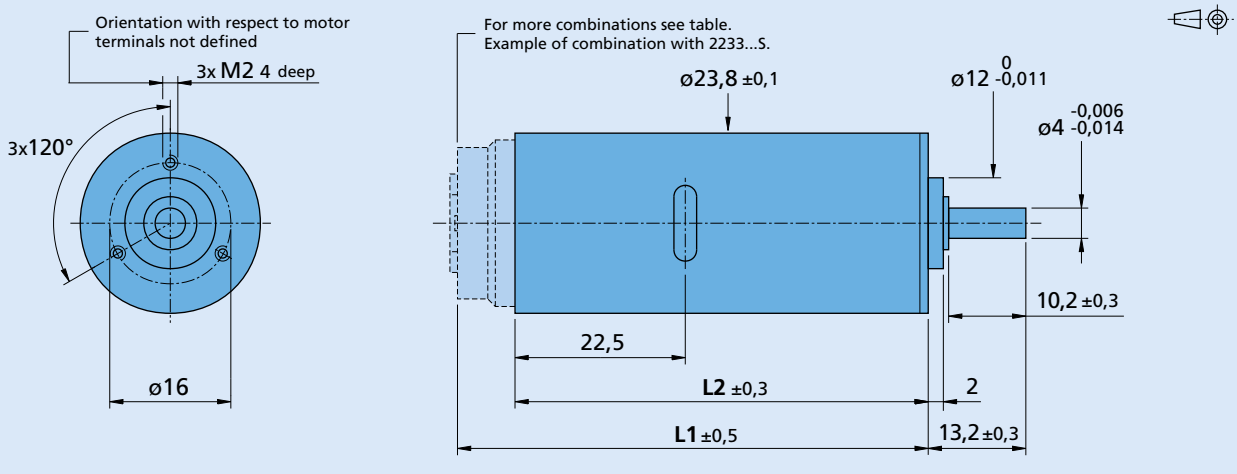
Housing material	metal
Geartrain material	metal
Recommended max. input speed for:	
– continuous operation	4 000 min^{-1}
Backlash, at no-load	0 °
Bearings on output shaft	ball bearings, preloaded
Shaft load, max.:	
– radial (6 mm from mounting face)	≤ 100 N
– axial	≤ 5 N
Shaft press fit force, max.	≤ 5 N
Shaft play:	
– radial (6 mm from mounting face)	≤ 0,03 mm
– axial	= 0 mm
Operating temperature range	- 30 ... + 100 °C

Technical data							
Number of gear stages			**5**	**6**	**7**	**8**	**9**
Continuous torque		mNm	100	100	100	100	100
Intermittent torque		mNm	400	400	400	400	400
Mass without motor, ca.		g	80	85	90	95	105
Efficiency, max.			-	-	-	-	-
Direction of rotation, drive to output			≠	=	≠	=	≠
Reduction ratio [1] (rounded)			**69,2:1**	**161:1**	**377:1**	**879:1**	**2 050:1**
L2 [mm] = length without motor			50,9	54,6	59,5	63,2	68,1
L1 [mm] = length with motor	2224R...SR		57,8	61,6	66,5	70,3	75,2
	2230F/R...S		63,6	67,4	72,3	76,1	81,0
	2232R...SR		65,8	69,6	74,5	78,3	83,2
	2233F/R...S		66,2	70,0	74,9	78,7	83,6
	AM2224...14		61,3	65,1	70,0	73,8	78,7

[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.



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

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