

# Spur Gearheads

## Zero Backlash

# 0,1 Nm

For combination with  
DC-Micromotors  
Stepper Motors

### Series 15/8

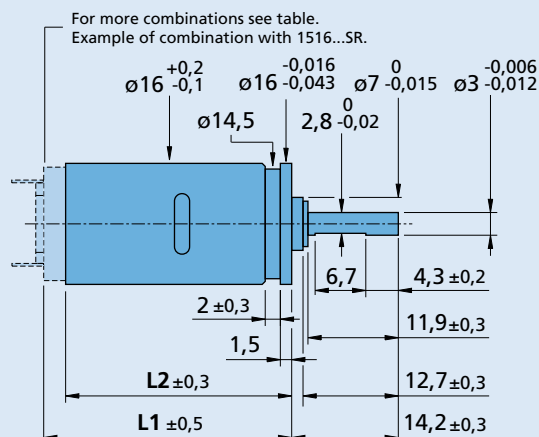
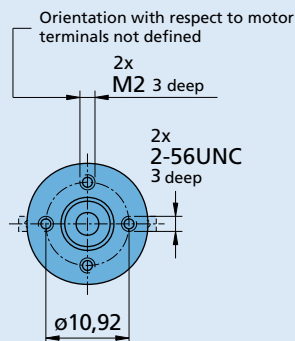
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Housing material	metal
Geartrain material	steel
Recommended max. input speed for:	
– continuous operation	5 000 min <sup>-1</sup>
Backlash, at no-load	0 °
Bearings on output shaft	ball bearings, preloaded
Shaft load, max.:	
– radial (6,5 mm from mounting face)	≤ 25 N
– axial	≤ 5 N
Shaft press fit force, max.	≤ 5 N
Shaft play	
– radial (6,5 mm from mounting face)	≤ 0,03 mm
– axial	= 0 mm
Operating temperature range	- 30 ... + 100 °C

#### Technical data

	4	4	5	5	6	6
Number of gear stages						
Continuous torque	mNm 100	100	100	100	100	100
Intermittent torque	mNm 300	150	300	150	300	150
Mass without motor, ca.	g 24	24	26	26	28	28
Efficiency, max.	-	-	-	-	-	-
Direction of rotation, drive to output	=	=	≠	≠	=	=
Reduction ratio <sup>1)</sup> (rounded)	76:1	141:1	262:1	485:1	900:1	1 670:1
L2 [mm] = length without motor	32,0	32,0	34,1	34,1	36,2	36,2
L1 [mm] = length with motor	1516E...SR 34,9	34,9	37,0	37,0	39,1	39,1
	1524E...SR 42,9	42,9	45,0	45,0	47,1	47,1
	AM1524...57 35,5	35,5	37,6	37,6	39,7	39,7

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

**Note:** These gearheads are available only with motors mounted.



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