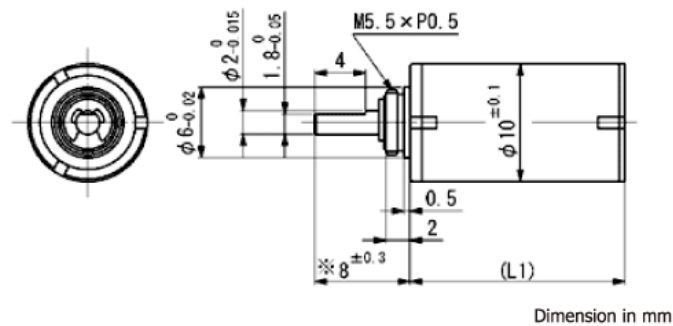


Gearhead SSG10

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Spur Gearhead



Note) Dimension marked $\times$ is measured with shaft pushed against gearhead.

SSG10 General specifications

		Gearhead SSG10	
1	Housing material	Metal	
2	Geartrain material	Steel	
3	Recommended max input speed	10000	rpm
4	Operation temperature range	-10...+60	°C
5	Backlash at no-load per stage	≤ 7	°
6	Bearings on output shaft	Sintered Sleeve bearings	
7	Max shaft radial load(7mm from flange)	3	N
8	Max shaft axial load	1	N
9	Max shaft press fit force	20	N
10	Shaft radial play	≤ 0.03	mm
11	Shaft axial play	≤ 0.2	mm
12	Max allowable torque (Continuous)	12	mNm
13	Max allowable torque (Intermittent)	30	mNm

Spec Based on stages

	Gear Ratio	15	29	49	72	93	262	
14	Reduction ratio (absolute value)	15.40:1	29.25:1	48.75:1	72.29:1	93.43:1	261.60:1	
15	Number of stage	3	4	5	5	5	6	
16	Efficiency	73	66	59	59	59	53	%
17	Direction of rotation	≠	=	≠	≠	≠	=	
18	Gearhead length : L1	14	16	18	18	18	20	mm
19	Weight	5.4	6.2	7	7	7	7.9	g

Combination with motor

Type	Model name	15	29	49	72	93	262	
Coreless Motor	CMS10-13..S	26.9	28.9	30.9	30.9	30.9	32.9	mm
	CMS10-18..S	32.4	34.4	36.4	36.4	36.4	38.4	mm
Brushless Motor	BMS10-10..S	24.0	26.0	28.0	28.0	28.0	30.0	mm
	BMS10-18..S	32.0	34.0	36.0	36.0	36.0	38.0	mm