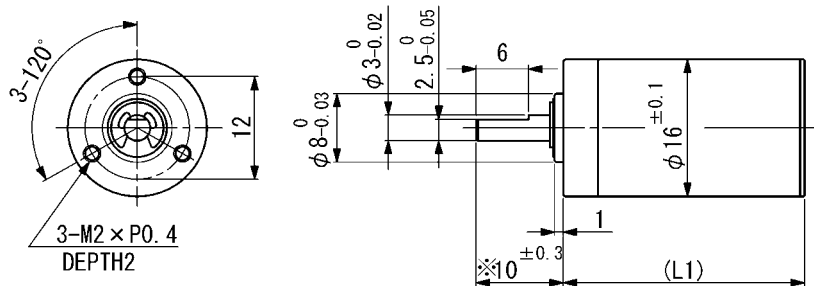


# SPG16

## Planetary gearhead



Dimension in mm Note) Dimension marked ※ is measured with shaft pushed against gearhead.

**For combination with motors: SCL16-25, SCL16-30, SCL17-30, SCL18-25, SCL18-33**

General specifications	SPG16	
Housing material	Metal	
Geartrain material	Steel	
Recommended max. input speed	6000	rpm
Operating temperature range	-10...+60	°C
Backlash at no-load per stage	≤ 1	°
Bearings on output shaft	Sintered sleeve bearings (ball bearings)	
Max. shaft radial load (7 mm from flange)	4 (25)	N
Max. shaft axial load	2	N
Max. shaft press fit force	30	N
Shaft radial play	≤ 0.03	mm
Shaft axial play	≤ 0.2	mm

In parenthesis the max. radial load with ball bearing option.

Ratio (nominal)	Stage	Gearhead length, L1 [mm]	Gearhead weight [g]	Max. allowable torque [mNm]		Length with motor [mm]					Efficiency [%]	Direction of rotation
				Continuous	Intermittent	SCL16-25	SCL16-30	SCL17-30	SCL18-25	SCL18-33		
3.6 : 1	1	15.3	20	200	400	40.3	46.7	46.7	40.8	50.3	85	=
4.7 : 1	1	15.3	20	200	400	40.3	46.7	46.7	40.8	50.3	85	=
13 : 1	2	19.5	24.5	200	400	44.5	50.9	50.9	45	54.5	72	=
22 : 1	2	19.5	24.5	200	400	44.5	50.9	50.9	45	54.5	72	=
61 : 1	3	23.7	29	200	400	48.7	55.1	55.1	49.2	58.7	61	=
105 : 1	3	23.7	29	200	400	48.7	55.1	55.1	49.2	58.7	61	=