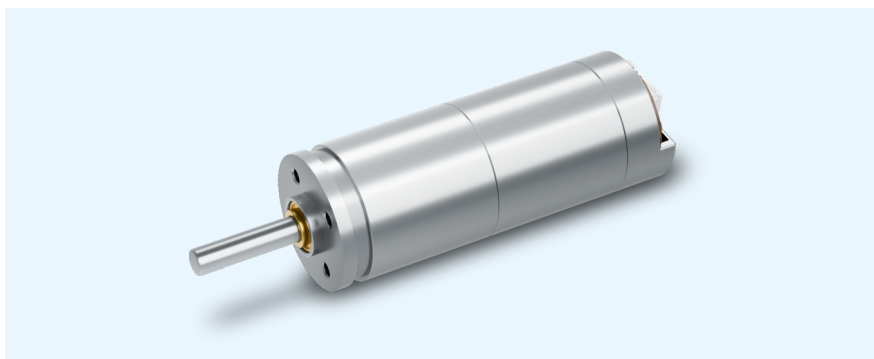


Φ16mm Spur Gearbox

- 0.5W
- 0.1Nm
- 5.00N



Technical drawing of the 0800WRS-06HF-LPV01 component, showing three views: front, side, and top.

Front View: Circular base with four M2.0 screws. Effective depth 3.0mm. Diameter: $\varnothing 10.92 \pm 0.1$.

Side View: Cylindrical body. Total length: 43.75. Diameter: $\varnothing 16.05$. Mounting flange diameter: $\varnothing 12.7 \pm 0.2$. Flange thickness: 2.0 ± 0.1 . Flange outer diameter: $\varnothing 7.0 \pm 0.05$. Flange inner diameter: $\varnothing 3.0 \pm 0.007$. Laser welding points are indicated.

Top View: Circular base. Terminal model: 0800WRS-06HF-LPV01. Diameter: $\varnothing 10.92 \pm 0.1$. Mounting flange diameter: $\varnothing 12.7 \pm 0.2$. Flange thickness: 2.0 ± 0.1 . Flange outer diameter: $\varnothing 7.0 \pm 0.05$. Flange inner diameter: $\varnothing 3.0 \pm 0.007$. Laser welding points are indicated.

Number of stages		4
Reduction Ratio		141.00
Max. continuous transmittable power	W	0.50
Max. intermittent transmittable power	W	0.80
Max. Rated Torque of Gearbox	Nm	0.100
Max. Instant Torque of Gearbox	Nm	0.13
Max. Rated input speed	rMPm	12000
Max. Instant input speed	rMPm	15000
Max. efficiency	%	65.00
Average backlash no load	°	0.00
Max. axial load (dynamic)	N	5.00
Max. radial load (6.5mm from flange)	N	25.00
Gearbox Length L1	mm	43.40
Weight	G	41.00

Product Specifications

PART NO.	Rated Voltage (V)	No-Load Data		Load Data			Overall Length (mm)	Max. Rated Torque of Gearbox (NM)	Max. Instant Torque of Gearbox (NM)	Reduction Ratio	Gearbox Length L1(mm)
		No-Load Speed (rpm)	No-Load Current (mA max)	Load Speed (rpm)	Load Current (mA Max)	Torque (N.m)					
GM20149-01	12	90	22	50	120	1.00	43.4	0.100	0.200	141	43.4