

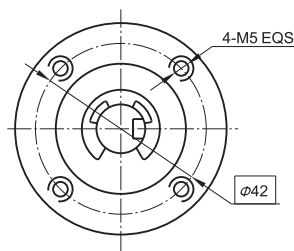
Planetary Gearbox (Ring Gear Material: Metal)

Φ52 行星减速器, 允许转矩范围: 2N.m~30N.m
 52mm Planetary Gearbox
 Permissible Load Range: 2N.m~30N.m

Technical drawing of a mechanical part, showing a cross-section and a side view with dimensions.

Dimensions:

- Overall length: L
- Overall width: $\phi 52$
- Overall height: 28
- Inner hole diameter: $\phi 12_{-0.03}^{0}$
- Inner hole length: 20
- Outer diameter of the main body: $\phi 32_{-0.1}^{0}$
- Radius of the inner hole: $R4$
- Radius of the outer edge: $R9.5_{-0.1}^{0}$
- Thickness of the main body: $4_{-0.05}^{0}$
- Distance from the center of the main body to the center of the inner hole: 2



模 数 Module	1.0				
齿 数 No. of teeth	12			15	
压力角 Pressure angle	20°				
孔 径 Hole diameter	Φ 6H7				
减速比 Reduction ratio	1/4.3 1/15 1/18 1/55 1/65 1/77 1/198 1/234 1/276 1/326	1/220 1/260 1/307 1/409 1/514 1/645	1/3.6 1/13 1/47 1/168	1/154 1/187	

减 速 比 Reduction ratio	实际减速比 Exact reduction ratio	额定允许负载 Rated tolerance torque	瞬间允许负载 Max momentary tolerance torque	效 率 Efficiency	L (mm)	重 量 (g) Weight(g)
1/3.6 1/4.3	1/3.6 1/4.25	2.0 N.m	6 N.m	90 %	45.7 ± 0.5	442
1/13 1/15 1/18	1/12.96 1/15.30 1/18.06	8.0 N.m	25 N.m	81 %	57.2 ± 0.5	574
1/47 1/55 1/65 1/77	1/46.66 1/55.08 1/65.03 1/76.77	16.0 N.m	50 N.m	73 %	68.5 ± 0.5	702
1/168 1/198 1/234 1/276 1/326	1/167.96 1/198.29 1/234.09 1/276.36 1/326.25	20 N.m	60 N.m	66 %	79.8 ± 0.5	837

使用环境相对湿度: 20%~85%RH 使用环境相对温度: -10℃~+80℃ 输入与输出的旋转方向: 同向 推荐电动机最大输入转速: <4000rpm
Operating ambient humidity: 20%~85%RH Operating ambient temp.: -10℃~+80℃
Input & output same rotation direction Motor Max. input speed <4000rpm