

行星齿轮减速器 (内齿圈材质: 金属)

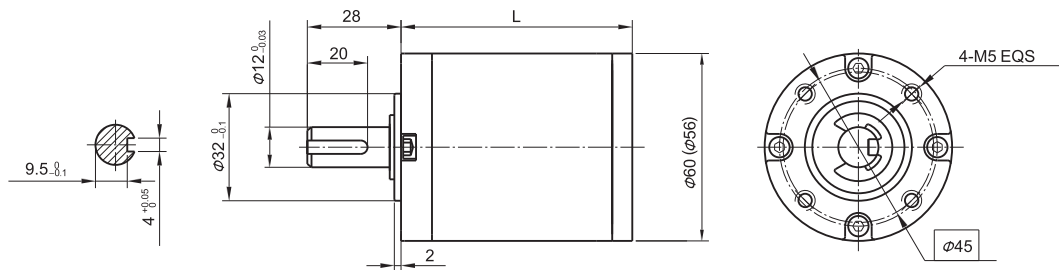
Planetary Gearbox (Ring Gear Material: Metal)

<h1 style="margin: 0;">60JXE300K</h1> <h1 style="margin: 0;">56JXE300K</h1>	<p>Φ60(56)行星减速器, 允许转矩范围: 3N.m~30N.m</p> <p>60(56)mm Planetary Gearbox</p> <p>Permissible Load Range: 3N.m~30N.m</p>
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内齿圈材料 Ring material	金属 Metal
输出轴轴承形式 Bearing at output	滚动轴承 Ball bearings
最大允许径向负载 (离法兰12mm处) Max. Radial load (12mm from flange)	≤250N
最大允许轴向负载 Max. shaft axial load	≤100N
径向间隙 (测量点尽量接近法兰) Radial play of shaft (near to flange)	≤0.08 mm
轴向间隙 Axial play of shaft	≤ 0.4mm
背隙 (无负载时) Backlash at no-load	≤2.5°
输出轴最大承受压入力 Shaft press fit force, max	≤300N



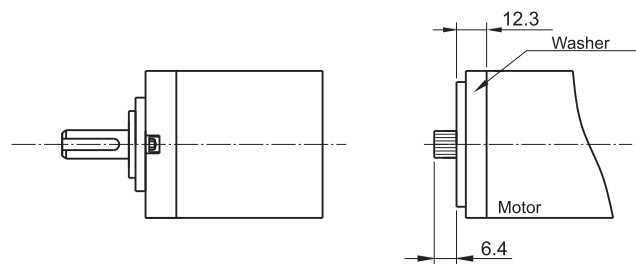
● 外形和安装尺寸 Dimensions



● 电机轴齿轮型式 Pinion Specifications

模数 Module	1.0							
齿数 No. of teeth	12			15				
压力角 Pressure angle	20°							
孔径 Hole diameter	Φ6H7							
减速比 Reduction ratio	1/4.3	1/15	1/18	1/220	1/260	1/3.6	1/13	1/154
	1/55	1/65	1/77	1/307	1/409	1/47	1/168	1/187
	1/198	1/234		1/514	1/645			
	1/276	1/326						

● 电机轴齿轮装配 Motor Installation



● 标准减速比型式 Gearbox Specifications

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	3 N.m	9 N.m	90 %	37.8 ± 0.5	489
1/13 1/15 1/18 1/23	1/12.96 1/15.30 1/18.06 1/22.67	12 N.m	36 N.m	81 %	49.5 ± 0.5	681
1/47 1/55 1/65 1/77 1/96 1/121	1/46.66 1/55.08 1/65.03 1/76.77 1/96.33 1/120.89	24 N.m	72 N.m	73 %	60.8 ± 0.5	871
1/154 1/187 1/220 1/260 1/307 1/409 1/514 1/645	1/153.69 1/186.62 1/220.32 1/260.10 1/307.06 1/409.42 1/513.78 1/644.74	30 N.m	90 N.m	66 %	71.9 ± 0.5	1066

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