

行星齿轮减速器 (内齿圈材质: 金属和粉末金属)

Planetary Gearbox (Ring Gear Material: Metal and Powder Metal)

36JXE30K $\Phi 36$ 行星减速器, 允许转矩范围: 0.3N.m~3.0N.m

36mm Planetary Gearbox

Permissible Load Range: 0.3N.m~3.0N.m

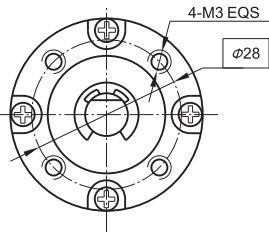
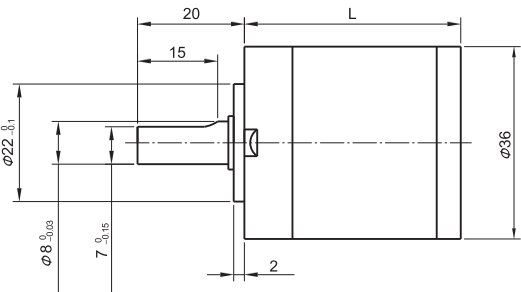
可在两种材料的内齿圈中进行选择: 粉末金属 (型号36JXF30K), 金属 (型号36JXE30K)

Ring gear can be selected within the two materials: Powder metal (Type:36JXF30K), Metal (Type:36JXE30K)

内齿圈材料 Ring material	E型: 金属 Metal F型: 金属粉末 Powder 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10mm处) Max. Radial load (10mm from flange)	≤50N
最大允许轴向负载 Max. shaft axial load	≤30N
径向间隙 (测量点尽量接近法兰) Radial play of shaft (near to flange)	≤0.07 mm
轴向间隙 Axial play of shaft	≤0.3mm
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	≤120N



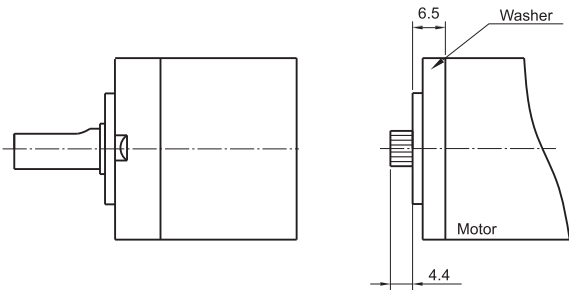
外形和安装尺寸 Dimensions



电机轴齿轮型式 Pinion Specifications

模 数 Module	0.5			
齿 数 No. of teeth	11		17	
压力角 Pressure angle	20°			
孔 径 Hole diameter	Φ 2.98 Φ 3.16 Φ 3.48			
减速比 Reduction ratio	1/5.18 1/19 1/27 1/71 1/100 1/139 1/264 1/369 1/516 1/720	1/254 1/306 1/354 1/427 1/495 1/596	1/3.71 1/14 1/51 1/189	1/182 1/219

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)
1/3.7 1/5.2	1/3.71 1/5.18	0.3 N.m	1.0 N.m	90 %	26.5 ± 0.5	168
1/14 1/19 1/27	1/13.76 1/19.22 1/26.83	1.2 N.m	3.5 N.m	81 %	33.6 ± 0.5	207
1/51 1/71 1/100 1/139	1/51.06 1/71.30 1/99.55 1/138.99	2.5 N.m	7.5 N.m	73 %	40.5 ± 0.5	248
1/182 1/219 1/254 1/306 1/354 1/427 1/495 1/596	1/181.79 1/219.07 1/253.82 1/305.87 1/354.39 1/427.06 1/494.81 1/596.27	3.0 N.m	9.0 N.m	66 %	47.4 ± 0.5	296

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: < 5000rpm

Operating ambient humidity: 20%~85%RH Operating ambient temp.: -10℃~+80℃

Input & output same rotation direction Motor Max. input speed < 5000rpm