

混合式步进行星齿轮减速电机 (内齿圈材质: 金属)

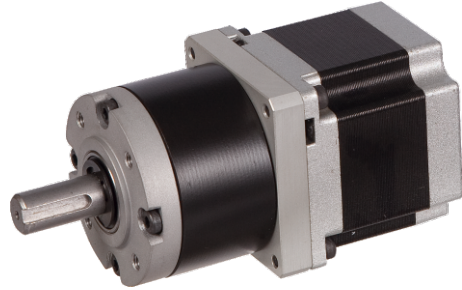
Planetary Gear Stepping Motor (Ring Gear Material: Metal)

56JXS300K/57STH

Φ56标准型减速器(带油封), 允许转矩范围: 9.0N.m~30N.m
56mm OD Standard Gearbox(With Oil Seal),
Permissible Load Range: 9.0N.m~30N.m

● 行星齿轮减速器 Planetary Gearbox

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10mm处) Max. Radial load(10mm 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		≤0.4 mm
背隙 (无负载时) Backlash at no-load		≤1.5°



● 57STH大转矩混合式步进电机性能 57STH High Torque Hybrid Stepping Motor Specifications

型号 Model No.	额定电压 Rated Voltage	每相电流 Current /Phase	每相电阻 Resistance /Phase	每相电感 Inductance /Phase	保持转矩 Holding Torque	引出线数 # of Leads	转动惯量 Rotor Inertia	重量 Weight	长度L1 Length L1	定位转矩 Rotor Inertia	适配减速比 Max. Gear Ratio
单轴 Single Shaft	V	A	Ω	mH	Kg.cm		g-m ²	Kg	mm	Kg-cm	
57STH41-1006A	5.7	1	5.7	5.4	3.9	6	120	0.45	41	0.21	1:326
57STH41-2006A	2.8	2	1.4	1.4	3.9	6					1:326
57STH41-3006A	1.9	3	0.63	0.6	3.9	6					1:326
57STH41-2804A	2	2.8	0.7	1.4	5.5	4					1:234
57STH51-1006A	6.6	1	6.6	8.2	7.2	6	275	0.65	51	0.36	1:168
57STH51-2006A	3.3	2	1.65	2.2	7.2	6					1:168
57STH51-3006A	2.2	3	0.74	0.9	7.2	6					1:168
57STH51-2804A	2.3	2.8	0.83	2.2	10.1	4					1:77
57STH56-1006A	7.4	1	7.4	10	9.0	6	300	0.7	56	0.4	1:77
57STH56-2006A	3.6	2	1.8	2.5	9.0	6					1:77
57STH56-3006A	2.3	3	0.75	1.1	9.0	6					1:77
57STH56-2804A	2.5	2.8	0.9	2.5	12.6	4					1:77

● 56JXS300K行星齿轮减速器性能 56JXS300K Planetary Gearbox Specifications

分加强型、长寿型两种型号 2 Types: Reinforced or Long Life Gearbox

减速比 Reduction ratio	3.60	4.25	7.5	13	15	18	27	32	47	55	65	77	168	198	234	276	326
减速级数 Number of gear trains	1			2				3				4					
减速器长度(L2) Length(L2) mm	53			61				72				84					
最大额定转矩 Max. rated torque kg.cm	90			150				240				300					
瞬间允许转矩 Short time permissible torque kg.cm	270			450				720				900					
效率 Efficiency %	90%			81%				73%				66%					
重量 Weight g	640			710				880				1220					

● 外形和安装尺寸 Dimensions

