Planetary Gear Stepping Motor (Ring Gear Material: Metal)

# 22JXS20K/20STH 22mm Planetary Gearbox

Φ22行星减速器, 允许转矩范围: 0.6N.m~2.0N.m

Permissible Load Range: 0.6N.m~2.0N.m

### ● 行星齿轮减速器 Planetary Gearbox

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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 Max. Radial load	(离法兰10mm 处) (10mm from flange)	≤20N				
最大允许轴向负载	Max. shaft axial load	≤10N				
径向间隙(测量点尽 Radial play of shaft		≤0.08 mm				
轴向间隙	Axial play of shaft	≤0.3 mm				
背隙 (无负载时)	Backlash at no-load	≤1.5°				



## ● 20STH混合式步进电机性能 20STH Hybrid Stepping Motor Specifications

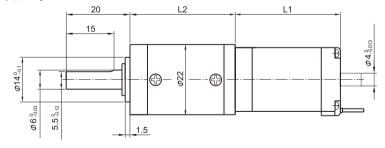
Model No.	额定电压 Rated Voltage	每相电流 Current /Phase	每相电阻 Resistance /Phase	每相电感 Inductance /Phase	保持转矩 Holding Torque	引出线数 # of Leads	转动惯量 Rotor Inertia	重量 Weight	长度 L1 Length L1	适配减速比 Max. Gear Ratio
单轴 Single Shaft	V	А	Ω	mH	g.cm		g-m²	g	mm	
20STH33-0604A	3.9	0.6	6.5	1.7	180	4	2.0	60	33	≤1:369
20STH42-0804A	4.32	0.8	5.4	1.5	300	4	3.6	80	42	≤1:264

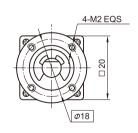
常规产品是单出轴,可以订货双出轴,型号的后缀号A改为B。 A Single Shaft, B Double shaft

### ● 22JXS20K行星减速器性能 22JXS20K Planetary Gearbox Specifications

减速比 Reduction ratio	3.71 5.18	14 19	27	51	71	100	139	189	264	369	
减速级数 Number of gear trains	1	2		3				4			
减速器长度 (L2) Length(L2) mm	24.4 33.0			41.5				49.8			
最大额定转矩 kg.cm Max. rated torque	6	10	16				20				
瞬间允许转矩 kg.cm Short time permissible torque	18	18 30			48				60		
效率 Efficiency %	90%	81%		73%			66%				
重量 Weight g	35	45			5	5			65		

#### ● 外形和安装尺寸 **Dimensions**





#### 矩频曲线 Frequency-torque Characteristics

