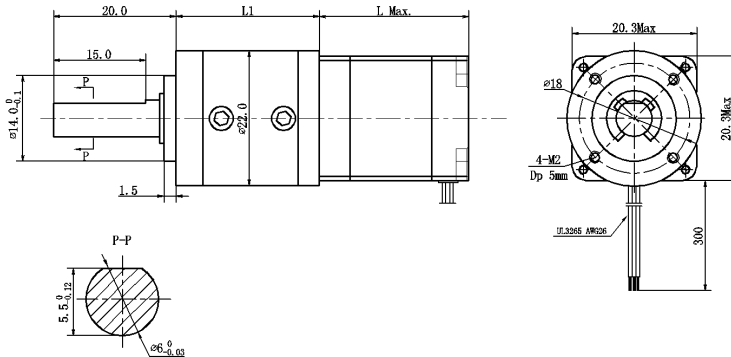


China Stepper Motor Inc..

Size 8(□20mm)行星减速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

体积小 small size
低噪音 low noise
低成本 low cost

高精度 high precise
长寿命 long life
防护等级 IP44

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	反冲 Backlash min. (分)	重量 Motor Weight(g)
1 Stage	3.71	22.4	95%	0.06N.m	0.18N.m	<40dB	≤15	35g
	5.18							
2 Stage	14	33.0	90%	0.1N.m	0.30N.m	<40dB	≤25	45g
	19							
	27							

*以上仅为代表性产品，派生产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

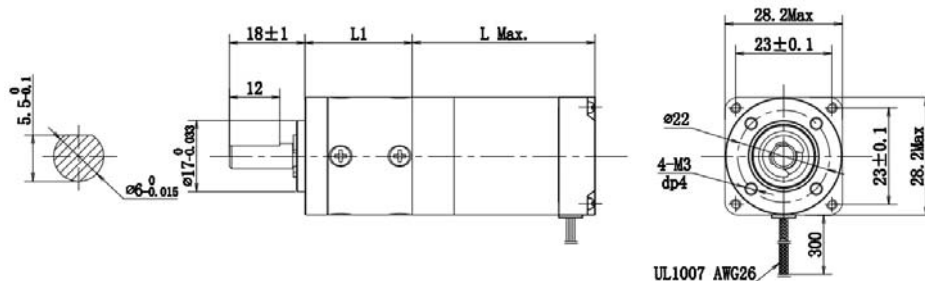
- 运行温度范围 Operating temperature range: -20—+50℃
- 绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)
- 绝缘强度 Dielectric strength: AC 500V (1min)
- 绝缘等级 Insulation Class: Class B(130℃)
- 允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation.

China Stepper Motor Inc..

Size 11(□28mm)行星减速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

体积小 small size

低成本 low cost

防护等级 IP44

长寿命 long life

高精度 high precise

低噪音 low noise

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)
1 Stage	3.71	25.6	90%	0.1N.m	0.3N.m	<60dB	≤1.5°	60g
	5.18							
	6.75							
2 Stage	14	34	80%	0.4N.m	1.2N.m	<60dB	≤1.5°	85g
	19							
	27							
	35							
	45							
3 Stage	51	42	73%	0.8N.m	2.5N.m	<60dB	≤1.5°	106g
	71							
	100							
	139							
	181							
	236							
	307							

*以上仅为代表性产品，派生产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

●运行温度范围 Operating temperature range: -20—+50℃

●绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)

●绝缘强度 Dielectric strength: AC 500V (1min)

●绝缘等级 Insulation Class: Class B(130℃)

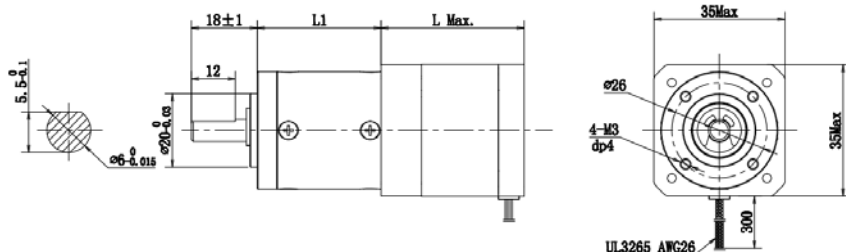
●允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation

China Stepper Motor Inc..

Size 13(□32mm)行星减速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

体积小 small size

低成本 low cost

防护等级 IP44

长寿命 long life

高精度 high precise

低噪音 low noise

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)				
1 Stage	3. 71	25. 6	90%	0. 3N. m	1N. m	<60dB	≤1. 5°	103g				
	5. 18											
	6. 75											
2 Stage	14	34	80%	1. 2N. m	3. 5N. m			<60dB	≤1. 5°	135g		
	19											
	27											
	35											
	45											
3 Stage	51	42	73%	2. 5N. m	7. 5N. m					<60dB	≤1. 5°	150g
	71											
	100											
	139											
	181											
	236											
	307											

*以上仅为代表性产品，派生产品可根据客户要求制作 *Note: We can manufacture products according to customer's requirements.

●运行温度范围 Operating temperature range: -20—+50℃

●绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)

●绝缘强度 Dielectric strength: AC 500V (1min)

●绝缘等级 Insulation Class: Class B(130℃)

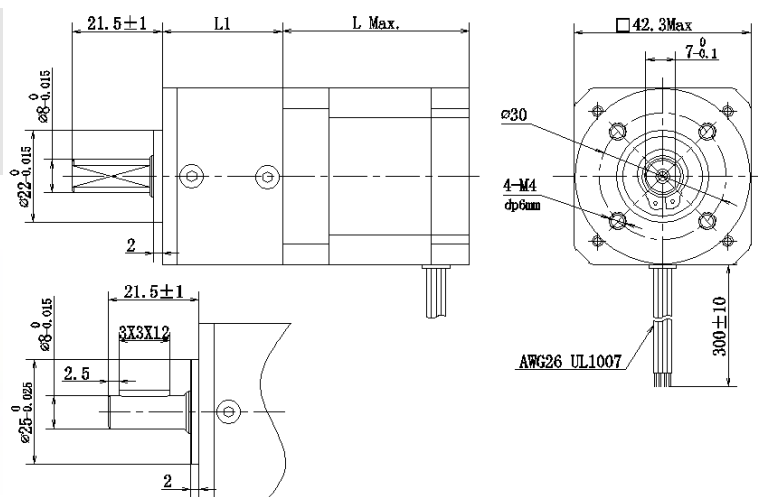
●允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation.

China Stepper Motor Inc..

Size 17(□42mm)行星減速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

体积小 small size

长寿命 long life

低成本 low cost

高精度 high precise

防护等级 IP44/IP65

低噪音 low noise

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)
1 Stage	5	28.5	90%	3N. m	6N. m		≤35arcmin	410
	10							
2 Stage	20	38	80%	9N. m	18N. m		≤55arcmin	440g
	25							
	40							
	50							
	100							

*以上仅为代表性产品，派生产品可根据客户要求制作

*Note: We can manufacture products according to customer's requirements.

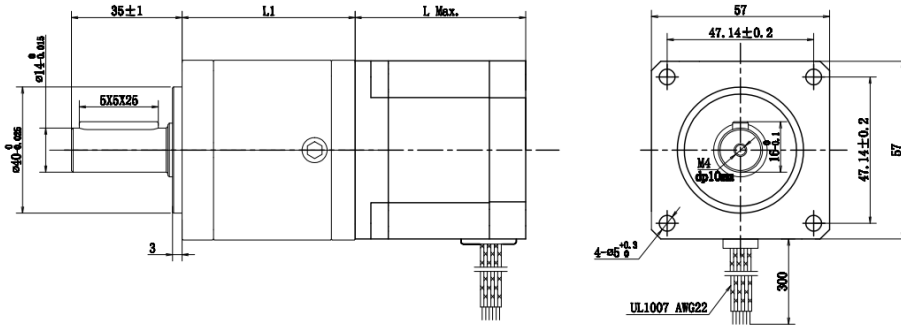
- 运行温度范围 Operating temperature range: -20—+50℃
- 绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)
- 绝缘强度 Dielectric strength: AC 500V (1min)
- 绝缘等级 Insulation Class: Class B(130℃)
- 允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation.

China Stepper Motor Inc..

Size 23(□57mm)行星减速箱 Square Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

- 体积小 small size
- 长寿命 long life
- 低成本 low cost
- 高精度 high precise
- 防护等级 IP44/IP65
- 低噪音 low noise

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)
1 Stage	5	55	95%	25N. m	45N. m		$\leq 15 \text{ arcmin}$	500-700g
	10							
2 Stage	15	71	90%	40N. m	60N. m	< 60dB	$\leq 25 \text{ arcmin}$	800-960g
	20							
	25							
	30							
	40							
	50							

*以上仅为代表性产品，派生产品可根据客户要求制作 *Note: We can manufacture products according to customer's requirements.

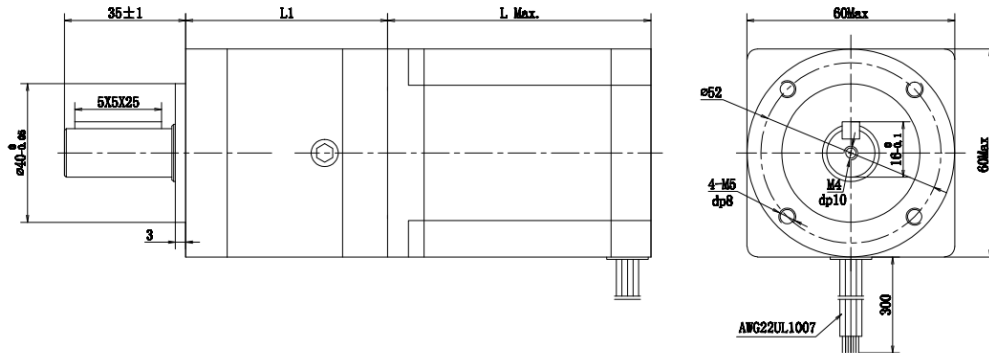
- 运行温度范围 Operating temperature range: $-20 \sim +50^\circ\text{C}$
- 绝缘电阻 Insulation resistance: $100 \text{ M}\Omega$ Min. (at DC500V)
- 绝缘强度 Dielectric strength: AC 500V (1min)
- 绝缘等级 Insulation Class: Class B(130°C)
- 允许温度上升 Permissible temperature rise: 80°C Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90°C during operation.

China Stepper Motor Inc..

Size 24(□60mm)行星减速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

体积小 small size	长寿命 long life
低成本 low cost	高精度 high precise
防护等级 IP44/IP65	低噪音 low noise

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)
1 Stage	5	58	95%	25N. m	45N. m		≤15arcmin	600-800g
	10							
2 Stage	15	75	90%	40N. m	60N. m	<60dB	≤25arcmin	800-960g
	20							
	25							
	30							
	40							
	50							

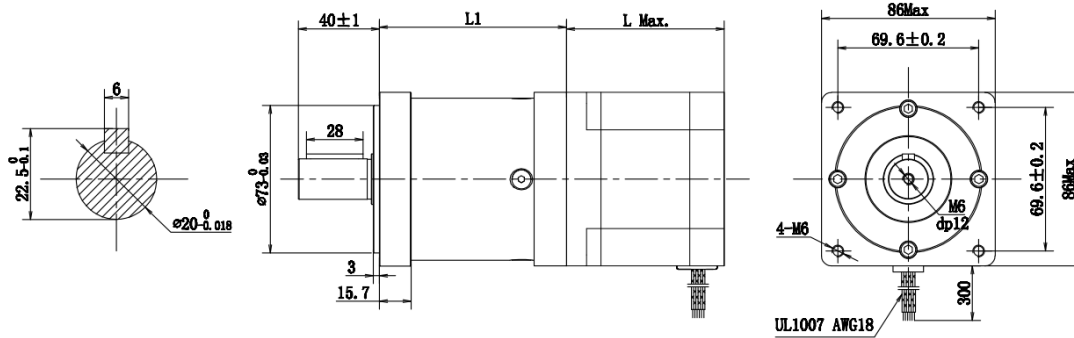
*以上仅为代表性产品，派生产品可根据客户要求制作 *Note: We can manufacture products according to customer's requirements.

- 运行温度范围 Operating temperature range: -20—+50℃
- 绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)
- 绝缘强度 Dielectric strength: AC 500V (1min)
- 绝缘等级 Insulation Class: Class B(130℃)
- 允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation.

Size 34(□86mm)行星减速箱 Round Planetary Gearbox

外形图 Dimensions(单位 Unit: mm)



特点 Feature:

- | | |
|----------------|------------------|
| 体积小 small size | 长寿命 long life |
| 低成本 low cost | 高精度 high precise |
| 防护等级 IP44/IP65 | 低噪音 low noise |

技术数据 Electrical Specifications:

减速比 Gear Ratio		长度 L1 Length(mm)	效率 Efficiency	额定转矩 Rated Torque	允许最大转矩 Permissible Torque (Max)	噪音 Noise (dB)	背隙 Backlash min. at No-load	重量 Motor Weight(g)
1 Stage	5	74	95%	50N.m	100N.m		≤15arcmin	3000g
	10							
2 Stage	15	93	90%	80N.m	160N.m	<60dB	≤25arcmin	4000g
	20							
	25							
	30							
	40							
	50							

*以上仅为代表性产品，派生产品可根据客户要求制作 *Note: We can manufacture products according to customer's requirements.

- 运行温度范围 Operating temperature range: -20—+50℃
- 绝缘电阻 Insulation resistance: 100MΩ Min. (at DC500V)
- 绝缘强度 Dielectric strength: AC 500V (1min)
- 绝缘等级 Insulation Class: Class B(130℃)
- 允许温度上升 Permissible temperature rise: 80℃ Max. (绕组方式)

※NOTE: Do not allow the surface temperature of the motor case to rise above 90℃ during operation.