



LIMIT SWITCH LZ2 SERIES

行程开关LZ2系列

产品特点:

- 外壳采用塑料，成本更低
- 具有较高防护性能(IP65)
- 多种操作方式满足不同场合需求

广泛应用于输送机械，机床设备，自动化等领域

Features:

- designed with plastic case, Cost savings
- with high protection degree (IP65)
- various actuators are available
- Widely applied in transfer handling machinery, machine tool equipment, automation etc.

产品型号Product Ordering

LZ2

1

2

系列代号
series code

外壳种类

1	1导管型外壳
3	2导管型外壳

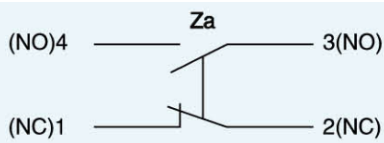
操作柄种类

10	塞柱型
12	滚轮塞柱型
13	支架滚轮-单侧水平动作型
14	支架滚轮-单侧垂直动作型
04	滚轮摆杆型
08	可调滚轮摆杆型
08X	可调大滚轮摆杆型
66	塑料弹簧棒型
67	弹簧棒型
69	触须型

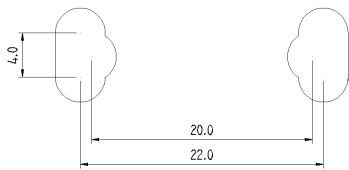
产品特性Characteristics

额定值Rating	AC-15: 250V/6A; DC-13: 220V/0.3A	
初始接触电阻Initial contact resistance	25mΩ max. 最大	
初始绝缘电阻Initial insulation resistance	100 mΩ Min. 最小(At 500V DC)	
电介强度 Dielectric strength	非连续端子间 Between non-consecutive terminals	1,000Vrms, 50/60Hz, 1 min
	无载电流金属件与各端子间 Between non-current carrying metal parts and each terminal	1,500Vrms, 50/60Hz, 1 min
	接地与端子间 Between ground and each terminal	1,500Vrms, 50/60Hz, 1 min
耐冲击 Shock resistance	机械Mechanical durable	1000m/s ² {100G, S} max. 最大
	误动作Malfunction	300m/s ² {30G, S} max. 最大
抗振性Vibration resistance	10-55Hz, 1.5mm double amplitude 双振幅	
使用寿命 Expected life	机械Mechanical	1,000,000 Min. 最小
	电气Electrical	500,000 Min. 最小
环境温度Ambient temperature	-20 to +70°C	
环境湿度Ambient humidity	95%RH Max最大	
Operating frequency 动作频率	机械Mechanical	120 times/min. 次/分钟
	电气Electrical	30 times/min. 次/分钟
动作速度Operation speed	5-500mm/s	
防护等级Protection degree	IP65	

Contact form 接触形式

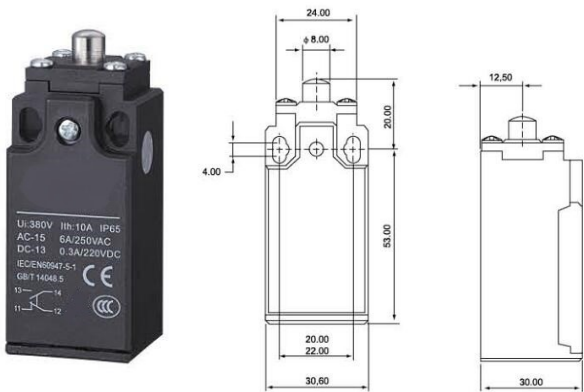


安装尺寸 Mounting holes



LZ2110

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



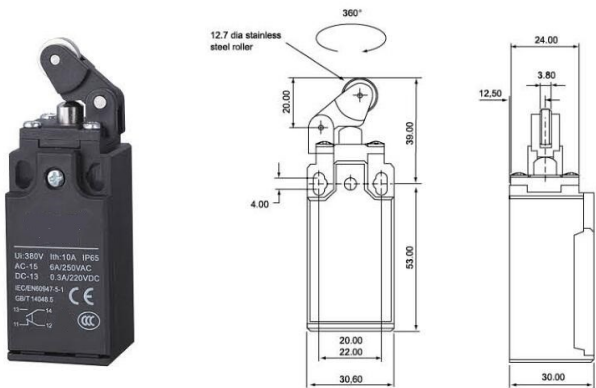
LZ2112

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



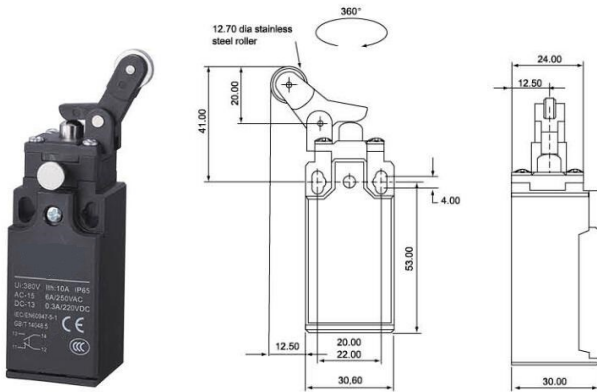
LZ2113

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



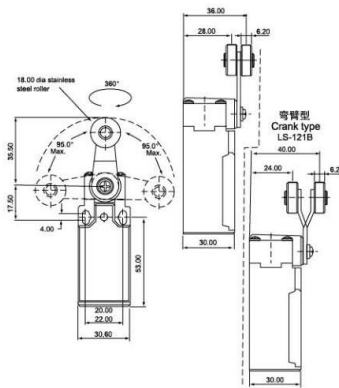
LZ2114

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP ±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



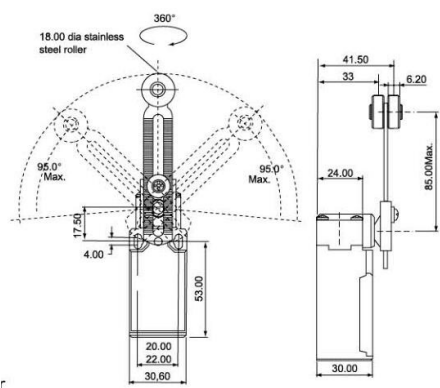
LZ2104

OF Max	500g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°



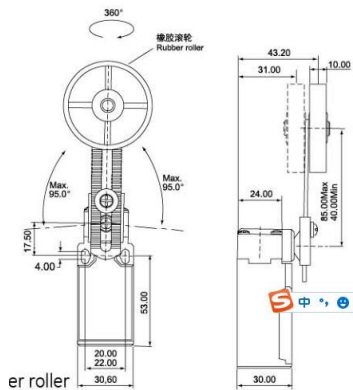
LZ2108

OF Max	500g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°



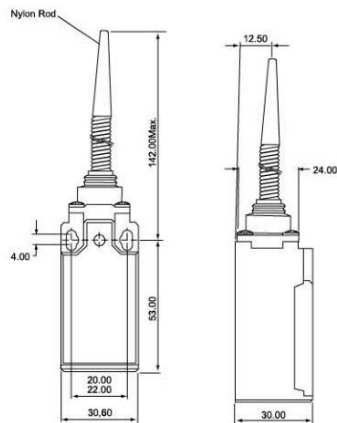
LZ2108X

OF Max	500g
RF Min	100g
PT Max	20°
OP ±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°



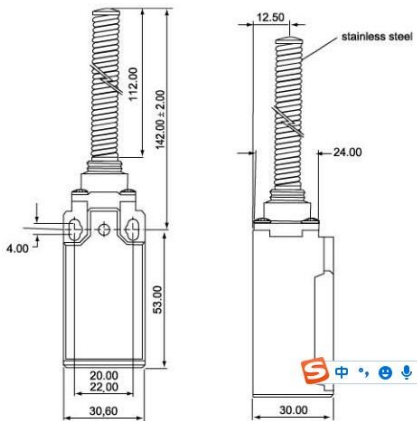
LZ2166

OF Max	100g
RF Min	40g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm



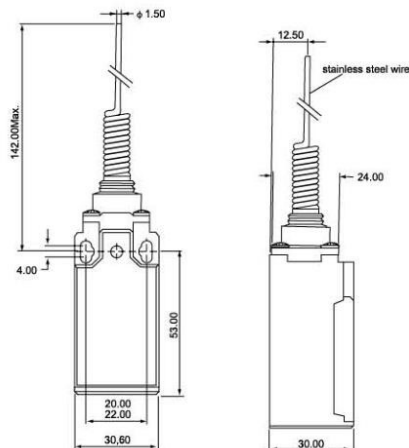
LZ2167

OF Max	100g
RF Min	40g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm



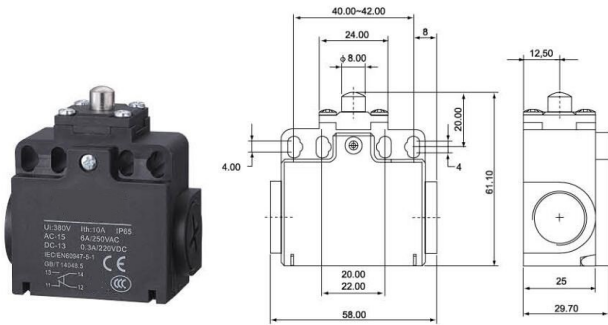
LZ2169

OF Max	100g
RF Min	40g
PT Max	30mm
OP ±10%	22.5°
MD Max	14°
OT Min	20mm
TT Min	50mm



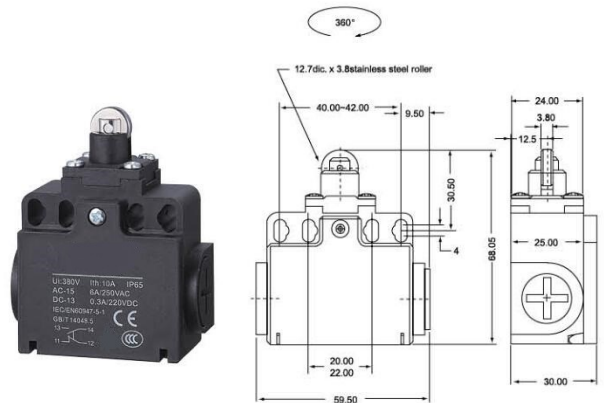
LZ2310

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



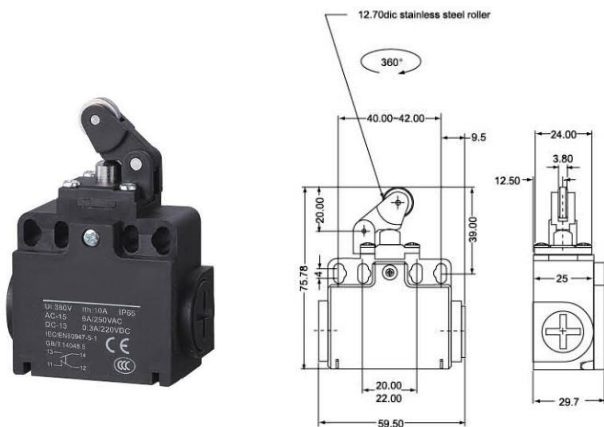
LZ2312

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



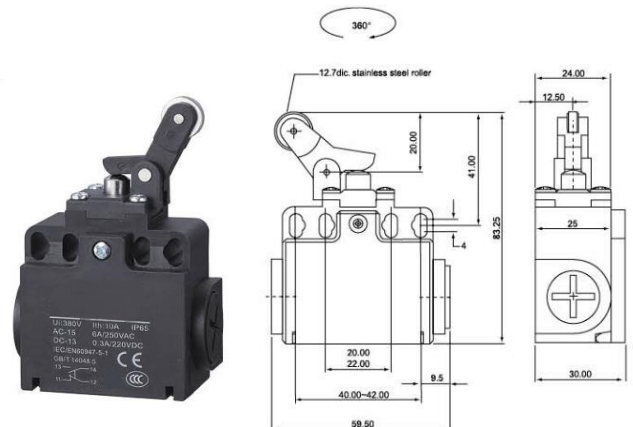
LZ2313

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



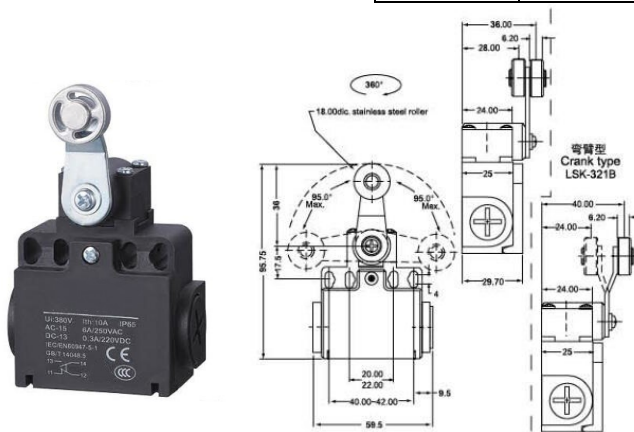
LZ2314

OF Max	700g
RF Min	200g
PT Max	1.8mm
OP±10%	2.0mm
MD Max	1.2mm
OT Min	3.7mm
TT Min	5.5mm



LZ2304

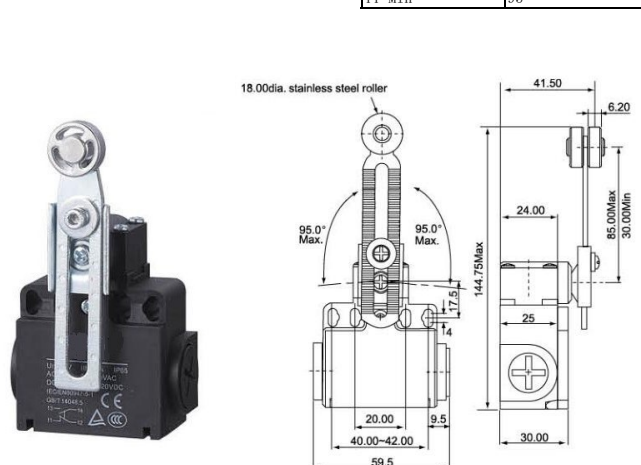
OF Max	500g
RF Min	100g
PT Max	20°
OP±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°



可选配尼龙滚轮 Nylon Roller LSK-321P

LZ2308

OF Max	500g
RF Min	100g
PT Max	20°
OP±10%	22.5°
MD Max	10°
OT Min	75°
TT Min	95°



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Technical drawing of a mechanical assembly showing two views: a side view and a front view. The side view shows a vertical assembly with a threaded rod passing through a base. The front view shows the base with a central circular feature and four mounting holes. Dimensions are provided in millimeters.

Side View Dimensions:

- Top section height: 41.50
- Threaded section height: 142.50
- Base height: 184.50
- Top flange thickness: 12.50
- Base thickness: 24.00

Front View Dimensions:

- Base width: 30.00
- Base height: 25.00
- Central circular feature diameter: 20.00
- Mounting hole diameter: 9.50
- Mounting hole spacing (center-to-center): 22.00
- Overall width: 40.00
- Overall height: 42.00

Technical drawing of the 1000 Series Hydraulic Cylinder, showing front and side views with dimensions.

Front View Dimensions:

- Total height: 142.50
- Mounting flange diameter: 20.00
- Mounting flange thickness: 22.00
- Mounting flange width: 40.00-42.00
- Mounting flange offset: 9.50
- Mounting flange width: 59.6
- Mounting flange offset: 4

Side View Dimensions:

- Total height: 184.50
- Mounting flange diameter: 25.00
- Mounting flange thickness: 24.00
- Mounting flange width: 30.00
- Mounting flange offset: 12.50

Material: Stainless Steel