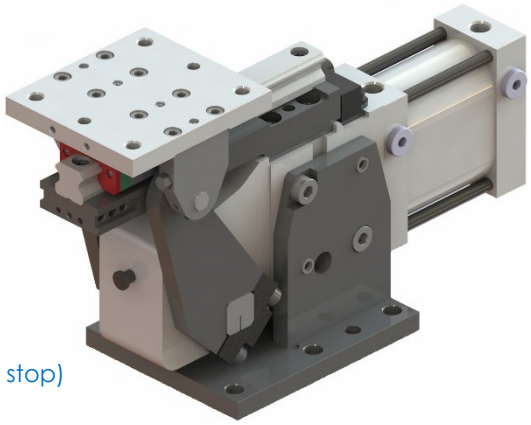
线性滑台 SLCP63
Linear unit SLCP63

主要特点:

- 行程可调从 5 到 90 mm 带台阶
- 终端位置的重复精度: ± 0,02 mm (外部硬停止可选)
- 气缸缸径 63 mm
- 终端位置自锁机构
- 缓冲在后端位置
- 传感器接口 M12
- 终端位置的外部硬停止 (可选)
- 金属保护罩, 带刮刀或波纹管 (可选)
- 手动控制 (可选)



Main characteristics:

- Adjustable stroke from 5 to 90 mm with steps
- Repeatability at end position: ± 0,02 mm (opt. external hard stop)
- Pneumatic cylinder 63 bore
- Self-Locking mechanism at end position
- Cushioning at the back position
- M12 Proximity sensors
- Externa hard stop at end position (opt.)
- Metal sheet covers, Scraper or bellows (opt)
- Hand lever command (opt)

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订货举例
Ordering example.

SLCP63 – 90 / 36 – LA – X – S1

SLCP63
缸径 Ø 63 mm,
1 个滑块, 最大负载 15 Kg
cylinder bore Ø 63 mm,
1 runner block, max. load 15 Kg

SLCPM63
带手动机构
缸径 Ø 63 mm,
1 个滑块, 最大负载 15 Kg
with hand lever
cylinder bore Ø 63 mm,
1 runner block, max. load 15 Kg

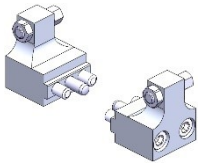
类型 Type	行程 Adjustable stroke [mm]	
90	5	8
	12	16
	20	25
	31	36
	41	48
	55	62
	70	77
	85	90

手柄位置:
(仅应用于 SLCPM)
Hand lever position:
(specify only for SLCPM type)

LX:手柄配置位
Hand lever arrangement
LA: 手柄在左侧
Hand lever at the left side
LB: 手柄在右侧
Hand lever at the right side

T:关闭位置的外部停止硬销
External stop in closing position:

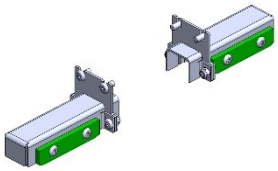
X: 无停止硬销
without external hard stop
F: 带停止硬销
with external hard stop



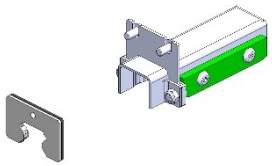
保护罩:
Cover:

X: 无保护罩
without cover

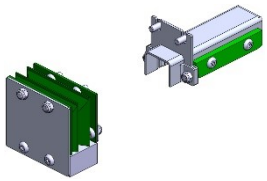
S1: 带完整的金属保护罩
with a complete metal sheet cover



S2: 前部带刮刀,后部带金属保护罩
with scraper on the front side and metal sheet cover on the back side

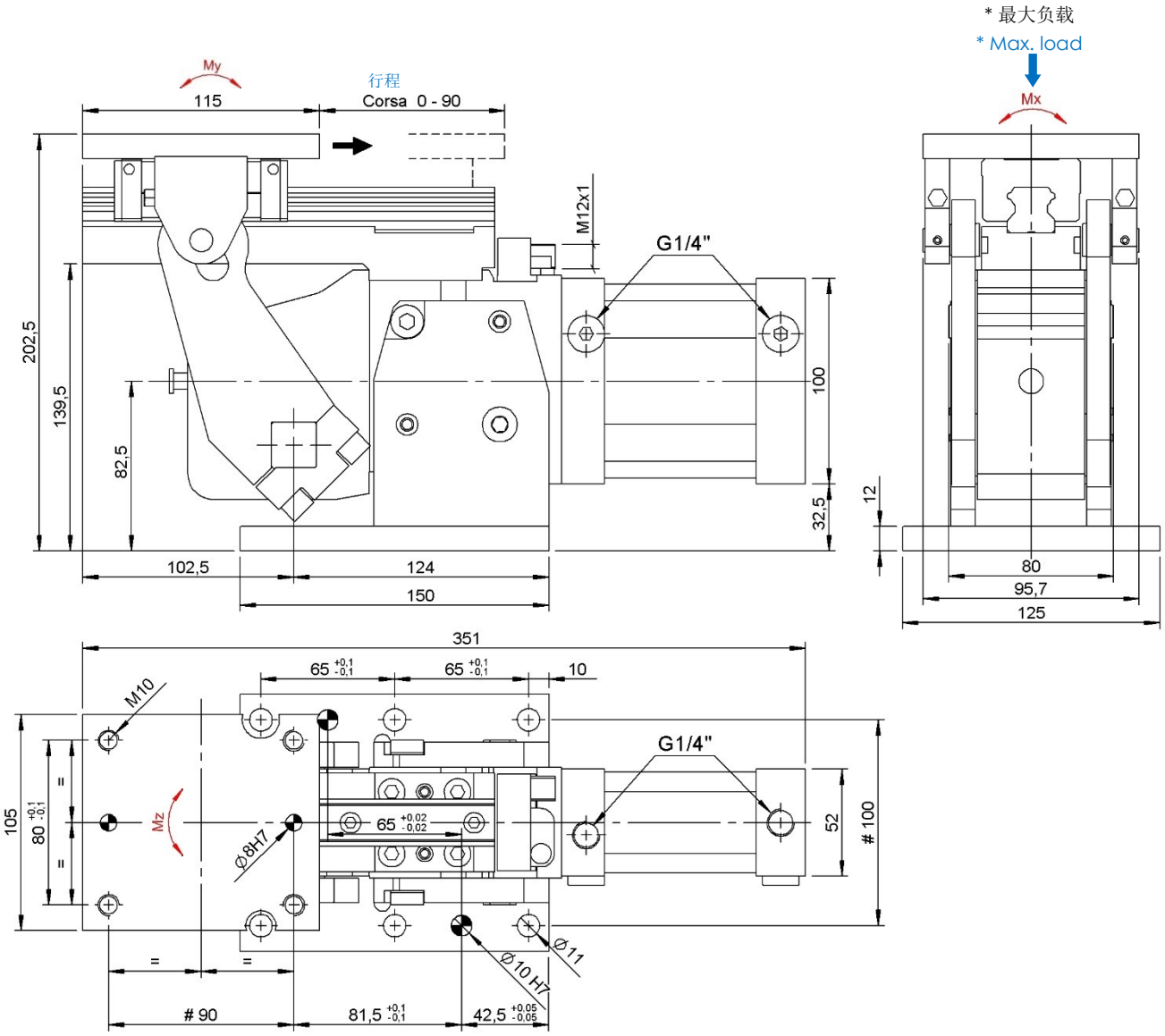


S3: 前部带波纹后部带金属保护罩
with bellows on the front side and metal sheet cover on the back side



SLCP63 - 90/...-X-X

线性滑台, D.63, 1 个滑块,行程可调
Linear unit, D.63, 1 runner blocks, various stroke



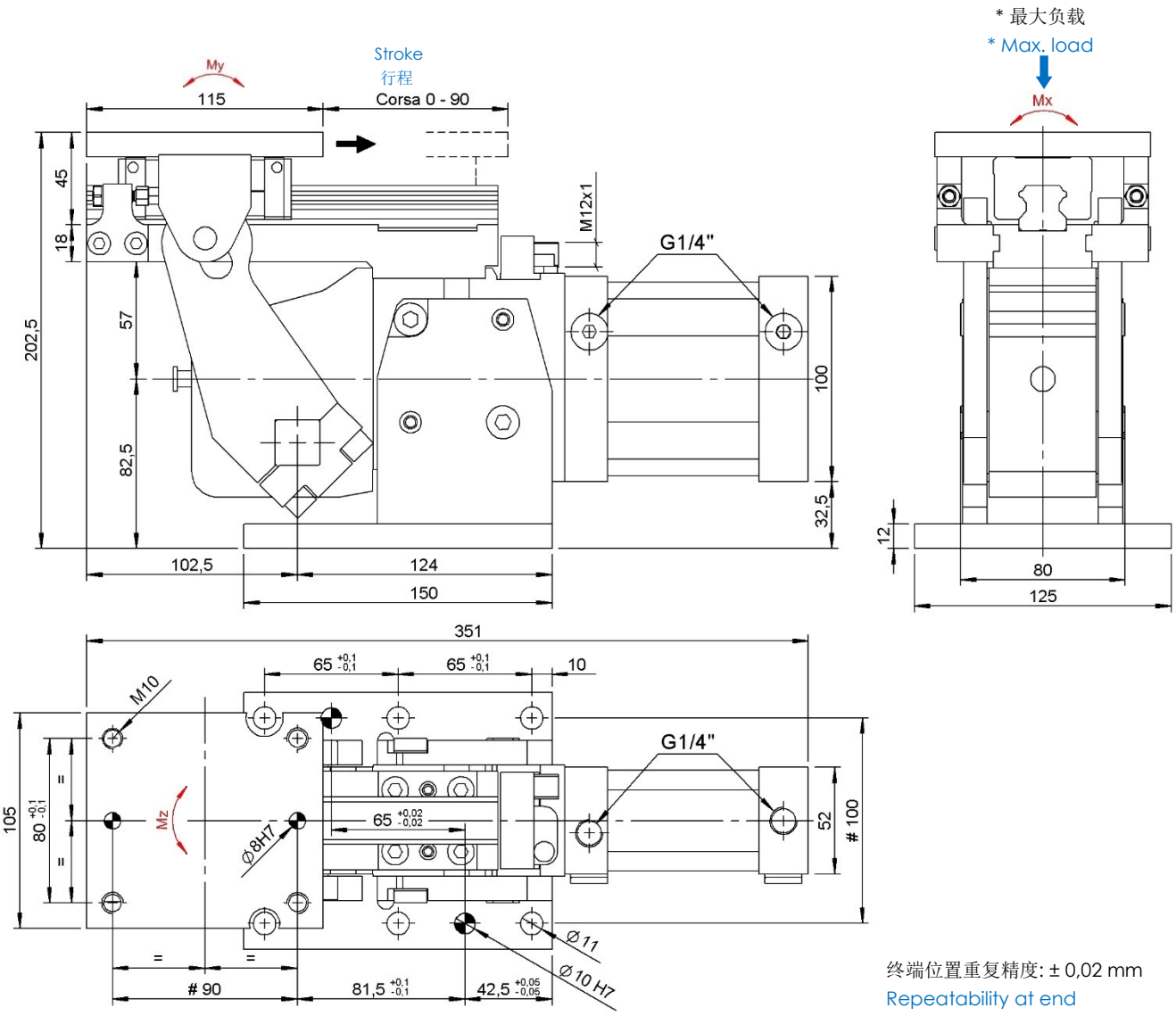
行程公差: ± 0,5 mm
Stroke tolerance: ± 0,5 mm

公差: 定位销孔: ±0.02 I 螺纹孔: ±0.1
#Tolerances: dowel holes: ±0.02 I screw holes: ±0.1

类型 Type	缸径 Cylinder bore	可调行程 Adjustable stroke	保持力 Holding moment	* 最大负载扭矩 * Max. applicable load (5 bar)	重量 Weight	最大动态扭矩 Dynamic torque max			耗气量 Air consumption (5 bar)	工作气压 Working pressure	最大推力 Max. thrust force (5 bar)
	[mm]	[mm]	[Nm]	[Kg]	[Kg]	[Nm]			[l]	[bar]	[N]
						Mx	My	Mz			
SLCP63...	63	5 ÷ 90	1700	15	8,0	15	20	30	1,9	4 – 7	1560

SLCP63 - 90/...-F-X

线性滑台, D.63, 1 个滑块, 行程可调, 外部停止硬件
Linear unit, D.63, 1 runner blocks, various stroke, external stop



终端位置重复精度: ± 0,02 mm
Repeatability at end position: ± 0,02 mm

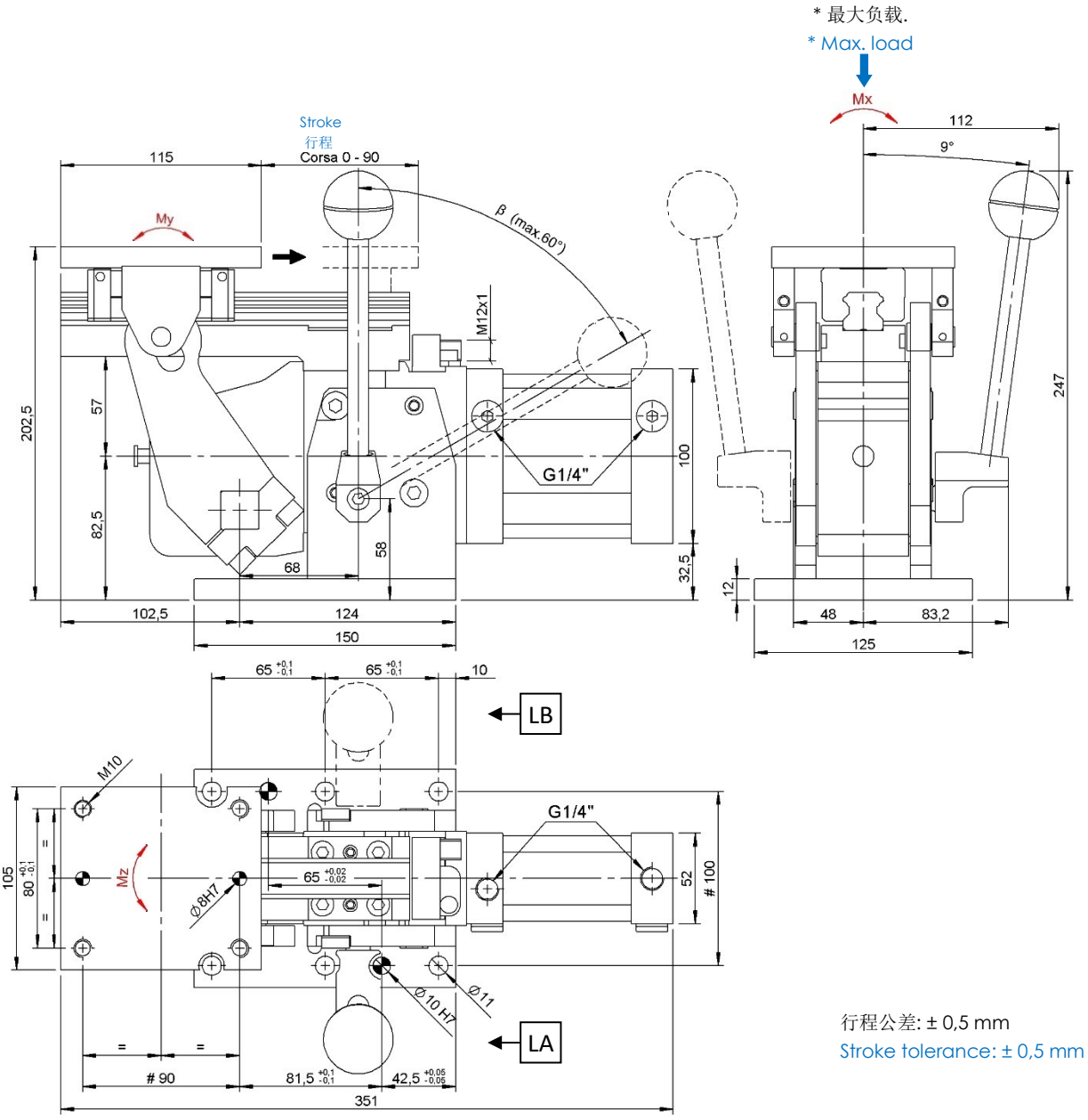
行程公差: ± 0,5 mm
Stroke tolerance: ± 0,5 mm

公差: 定位销孔: ±0.02 I 螺纹孔: ±0.1
#Tolerances: dowel holes: ±0.02 I screw holes: ±0.1

类型 Type	缸径 Cylinder bore	可调行程 Adjustable stroke	保持力 Holding moment	* 最大应用负载 * Max. applicable load (5 bar)	重量 Weight	最大动态扭矩 Dynamic torque max			耗气量 Air consumption (5 bar)	工作气压 Working pressure	最大推力 Max. thrust force (5 bar)
	[mm]	[mm]	[Nm]	[Kg]	[Kg]	[Nm]			[l]	[bar]	[N]
						Mx	My	Mz			
SLCP63...	63	5 ÷ 90	1700	15	8,0	15	20	30	1,9	4 – 7	1560

SLCPM63 - 90/...-...-X-X

线性滑台, D.63, 1 个滑块, 行程可调, 带手动机构
Linear unit, D.63, 1 runner blocks, various stroke, hand lever



行程公差: ± 0,5 mm
Stroke tolerance: ± 0,5 mm

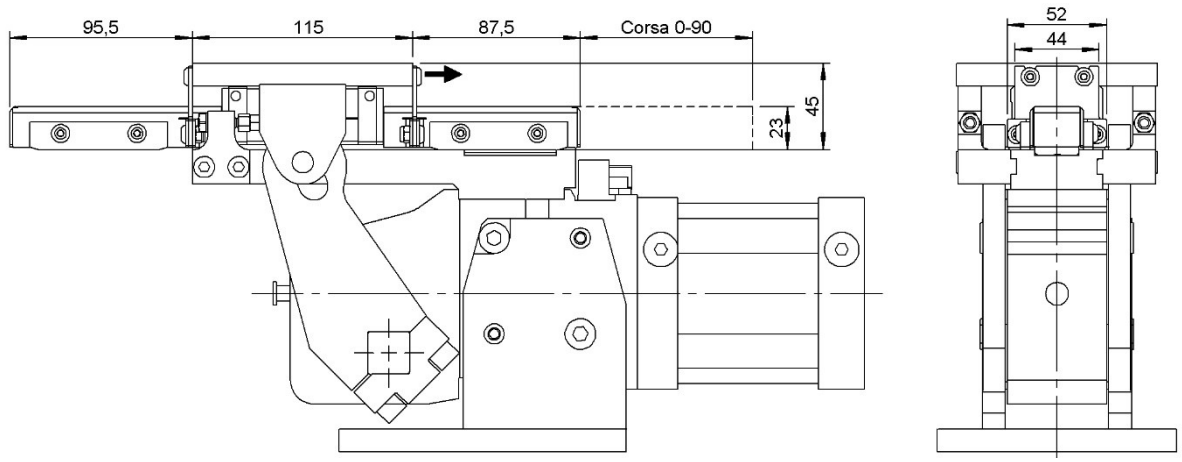
行程 Stroke [mm]	5	8	12	16	20	25	31	36	41	48	55	62	70	77	85	90	最大手动力 Max. manual force [N]
β [°]	20	23	27	29	31	34	37	39	42	44	47	49	51	54	57	60	200

公差: 定位销孔: ±0.02 I 螺纹孔: ±0.1
#Tolerances: dowel holes: ±0.02 I screw holes: ±0.1

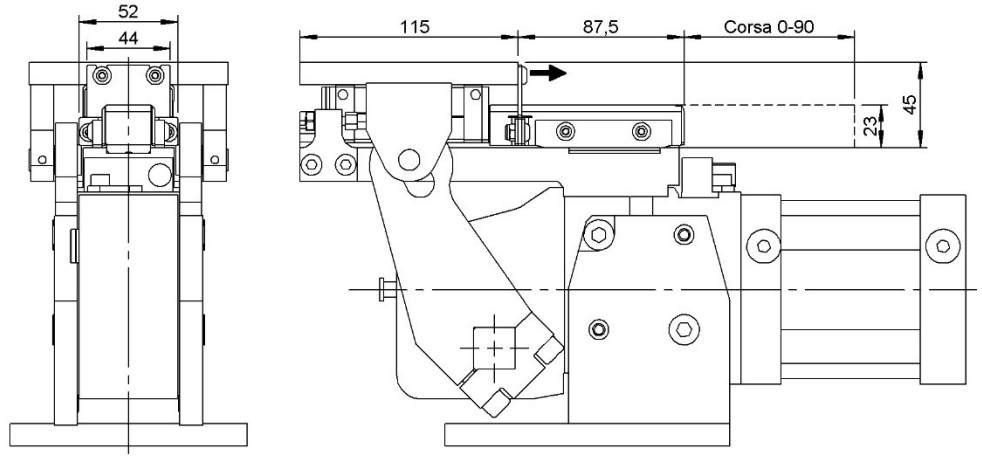
类型 Type	缸径 Cylinder bore	可调行程 Adjustable stroke	保持力 Holding moment	* 最大应用负载 * Max. applicable load (5 bar)	重量 Weight	最大动态扭矩 Dynamic torque max			耗气量 Air consumption (5 bar)	工作气压 Working pressure	最大推力 Max. thrust force (5 bar)
	[mm]	[mm]	[Nm]	[Kg]	[Kg]	[Nm]			[l]	[bar]	[N]
						Mx	My	Mz			
SLCPM63...	63	5 ÷ 90	1700	15	8,0	15	20	30	1,9	4 – 7	1560

保护罩
Cover.

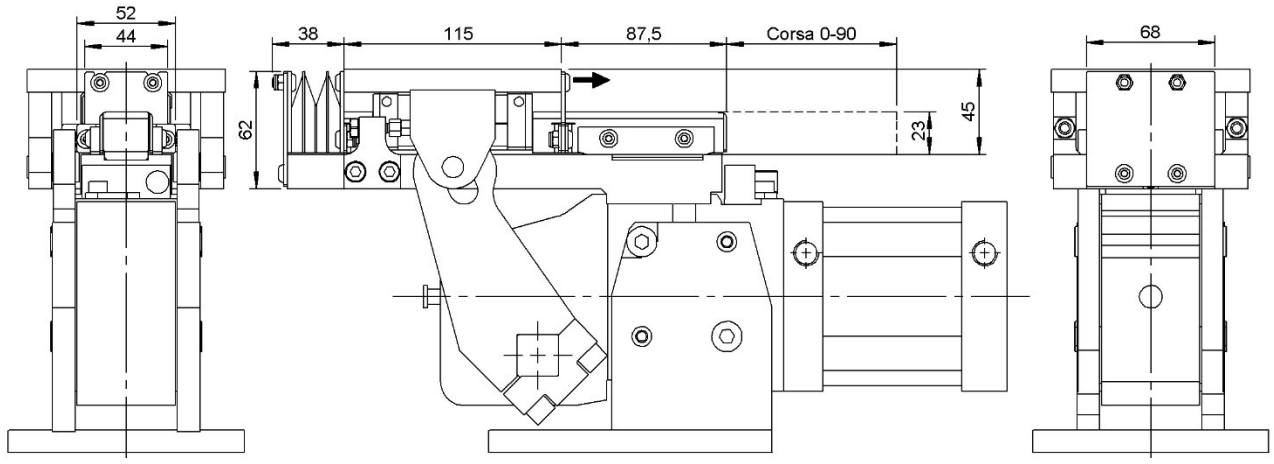
S1



S2



S3



M12 电感式接近开关示意图 (cod. 09127/1/C)

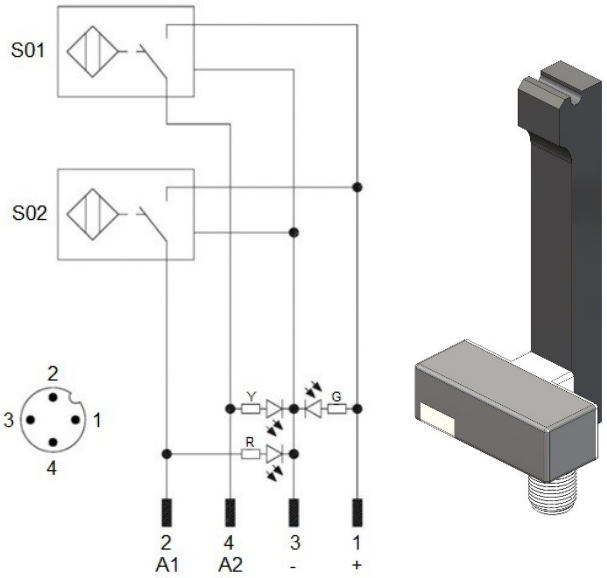
Diagram for M12 Inductive proximity switch (cod. 09127/1/C).

技术参数:

- 输出类型: PNP
- 输入电压: 10-30 VDC;
- 最大换向电流: 150 mA;
- 耗电流: < 20 mA;
- 电压差: <1,8 V
- 工作温度: -25° / 70° C.

Technical data:

- Output type: PNP
- Feeding voltage: 10-30 VDC;
- Max. commutating current: 150 mA;
- Power supply: < 20 mA;
- Voltage drop: < 1,8 V;
- Temperature range: -25° / 70° C.



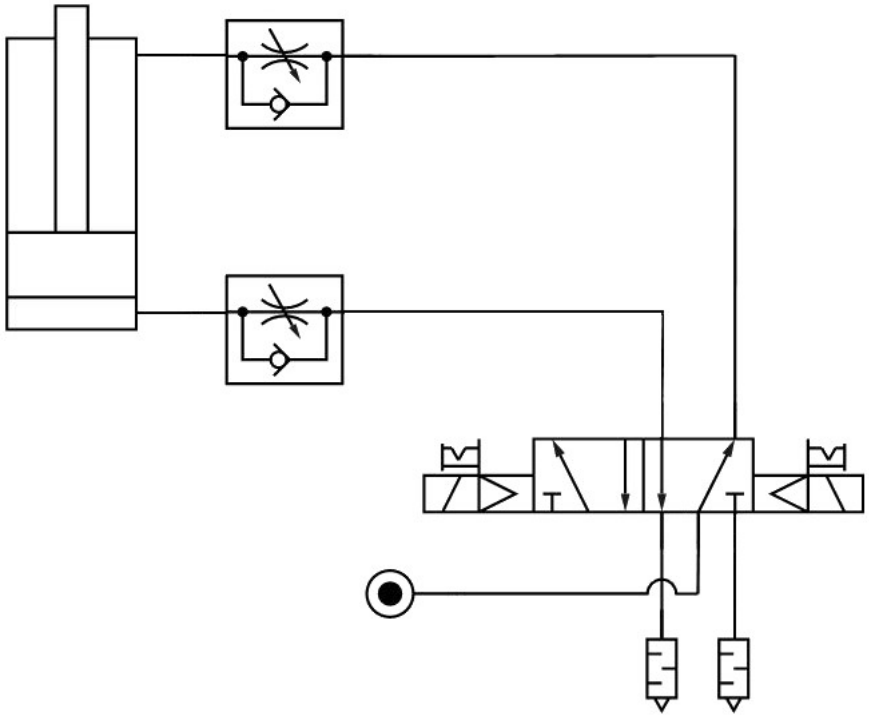
S01 = 打开信号
S01 = opening signal
S02 = 关闭信号
S02 = closing signal

Y = 黄色 LED / yellow LED
G = 绿色 LED / green LED
R = 红色 LED / red LED

1 = 棕色系 / brown wire
2 = 黑色线 / black wire
3 =蓝色线 / blue wire
4 = 白色线 /white wire

气路图

Pneumatic plan.



操作说明
Operating instructions.

打开角度.

- 将线性滑台处在打开位置; (图 1)
- 拆下传感器下方的 M6 插口螺丝; (图 2)
- 插入最大 Ø 5mm 的六角扳手, 推压弹簧，施力≥ 80 N;(图 3)
- 保持压住弹簧状态，手动移动夹臂位置到需要的角度;
- 松开弹簧让组件自动耦合。

Opening angle change.

- Bring the linear unit in the opening position; (Image 1)
- Unscrew the M6 socket screw below the inductive sensor; (Image 2)
- Put a key with Ø max. 5 mm into the hole, and push the spring applying a force ≥ 80 N; (Image 3)
- Keep pushing on the spring and move the upper fixture plate manually to the desired position;
- Release the spring to allow the automatic coupling of the components.

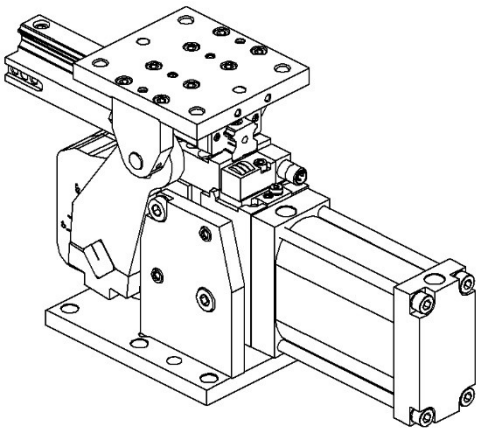


图 1
Image 1

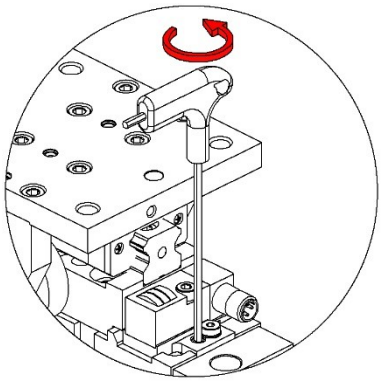


图 2
Image 2

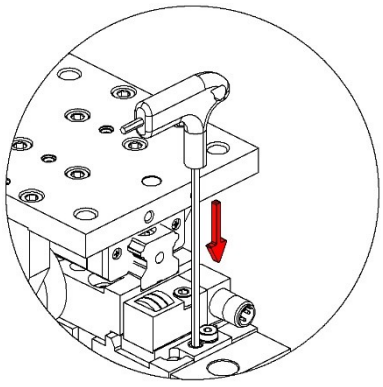
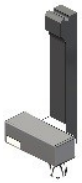


图 3
Image 3

备件
Spare parts.

配套元件 # Kit	图片 Picture	描述 Description	代号 Article
密封套装 Seals kit		气缸密封组件 Seal components for pneumatic cylinder	SCR-CPL63
气缸 Pneumatic cylinder		缸径 63 mm的 完整气缸 Complete pneumatic cylinder bore 63 mm	08495/C
限位开关 Proximity switch		VEP 完整电感式接近开关 Inductive proximity switch VEP	09127/1/C
手柄 Hand lever		手柄 + 齿状延伸 Hand lever + teethed extension	09107/SLCP63/C
滑块 Running Block		滑块备件 Running Block spare parts	3/353

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