

# 直线缸

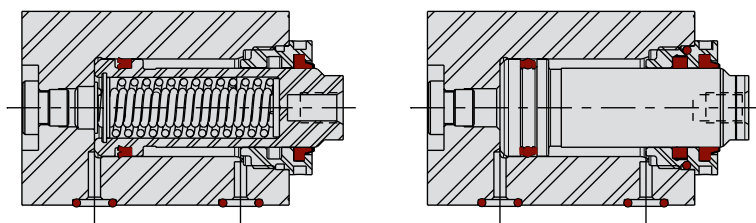
## 板式安装块型缸规格

### 单作用和双作用

- 没有外部端口或接管，避免聚集切屑。
- 简化安装工作。
- 跟我们其他的块形缸 的通用尺寸一样。

螺纹活塞杆允许使用定制的末端附件（双作用建议附件或机构）。

设计弹簧让缸和触点复位，而不是用它来推动机构。



ILMV211102 REV D

### 规格

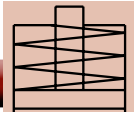
| 型号                                | 缸夹紧力 (kN) |      | 行程 (mm) | 缸体尺寸 (mm) | 最小长度 (mm) | 活塞面积 (cm <sup>2</sup> ) |     | 用油量 (cm <sup>3</sup> ) |      |
|-----------------------------------|-----------|------|---------|-----------|-----------|-------------------------|-----|------------------------|------|
|                                   | 伸出        | 缩进   |         |           |           | 伸出                      | 缩进  | 伸出                     | 缩进   |
| <b>单作用缸 (S/A) . 1个方向液压驱动，弹簧复位</b> |           |      |         |           |           |                         |     |                        |      |
| 42-1110-00                        | 10.1      | N/A  | 6.5     | 28.5 x 51 | 61        | 2.9                     | N/A | 1.8                    | N/A  |
| 42-1110-01                        |           |      | 19      |           | 80        |                         |     | 5.4                    |      |
| 42-1110-02                        | 17.8      | N/A  | 12.5    | 51 x 51   | 71        | 5.1                     | N/A | 6.4                    | N/A  |
| 42-1110-03                        |           |      | 25.5    |           | 84        |                         |     | 12.9                   |      |
| 42-1110-08                        |           |      | 38      |           | 99.5      |                         |     | 25.7                   |      |
| 42-1110-04                        |           |      | 51      |           | 112.5     |                         |     | 19.3                   |      |
| 42-1110-05                        | 39.9      | N/A  | 12.5    | 51 x 63.5 | 73        | 11.4                    | N/A | 14.5                   | N/A  |
| 42-1110-06                        |           |      | 25.5    |           | 86        |                         |     | 29.0                   |      |
| 42-1110-09                        |           |      | 38      |           | 98.5      |                         |     | 43.4                   |      |
| 42-1110-07                        |           |      | 51      |           | 114.5     |                         |     | 57.9                   |      |
| <b>双作用缸 (D/A) . 两个方向液压驱动</b>      |           |      |         |           |           |                         |     |                        |      |
| 42-1120-00                        | 10.1      | 5.6  | 6.5     | 28.5 x 51 | 61        | 2.9                     | 1.6 | 1.8                    | 1.0  |
| 42-1120-01                        |           |      | 19      |           | 80        |                         |     | 5.4                    | 3.0  |
| 42-1120-02                        | 17.8      | 5.9  | 12.5    | 51 x 51   | 71        | 5.1                     | 1.7 | 6.4                    | 2.2  |
| 42-1120-03                        |           |      | 25.5    |           | 84        |                         |     | 12.9                   | 4.4  |
| 42-1120-08                        |           |      | 38      |           | 99.5      |                         |     | 25.7                   | 6.6  |
| 42-1120-04                        |           |      | 51      |           | 112.5     |                         |     | 19.3                   | 8.8  |
| 42-1120-05                        | 39.9      | 17.5 | 12.5    | 51 x 63.5 | 73        | 11.4                    | 5.0 | 14.5                   | 6.3  |
| 42-1120-06                        |           |      | 25.5    |           | 86        |                         |     | 29.0                   | 12.7 |
| 42-1120-09                        |           |      | 38      |           | 98.5      |                         |     | 43.4                   | 19.0 |
| 42-1120-07                        |           |      | 51      |           | 114.5     |                         |     | 57.9                   | 25.4 |

\* 缸夹紧力是在最大工作压力350bar (35MPa)下列出。通过调节液压系统的压力可调节输出力。为确定您应用的适当输出力，将活塞面积和系统运行压力相乘。因为摩擦损失，密封和防尘圈拖曳，和/或恢复弹簧的原因，实际力与计算结果有些不同。

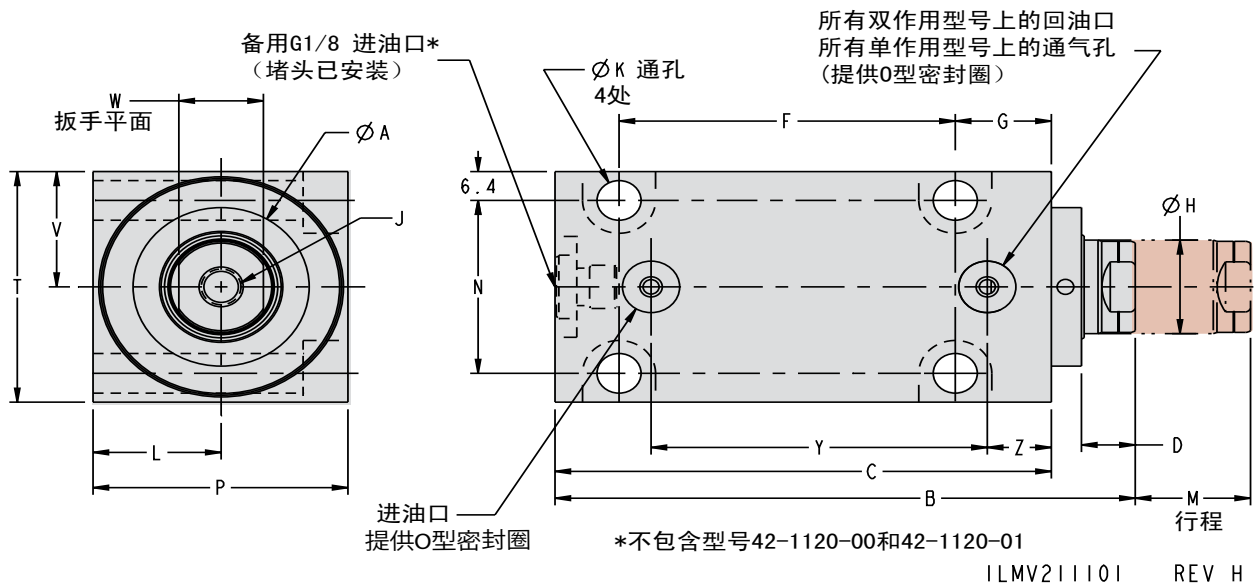
所有尺寸均毫米。



# 直线缸



## 板式安装块型缸尺寸



F-9

### 尺寸

| 型号                        | A    | B     | C    | D   | F    | G     | H               | J   | K    | L    | M    | N    | P    | T    | V    | W  | Y    | Z    |
|---------------------------|------|-------|------|-----|------|-------|-----------------|-----|------|------|------|------|------|------|------|----|------|------|
| 单作用缸 (S/A) 1个方向液压驱动, 弹簧复位 |      |       |      |     |      |       |                 |     |      |      |      |      |      |      |      |    |      |      |
| 42-1110-00                | 27   | 61    | 47.5 | 7.5 | 22.2 | 12.70 | M6 x 1.0 x 11   | 7.1 | 14   | 6.5  | 19   | 38.1 | 28.4 | 51   | 25.5 | 11 | 22.2 | 12.5 |
| 42-1110-01                |      | 80    | 66.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 41.3 |      |
| 42-1110-02                | 35   | 71    | 57   | 8   | 25.4 | 20.64 | M8 x 1.25 x 11  | 8.7 | 25.4 | 12.5 | 25.5 | 38.1 | 50.5 | 51   | 25.5 | 17 | 25.4 | 12.5 |
| 42-1110-03                |      | 84    | 69.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 38.1 |      |
| 42-1110-08                |      | 99.5  | 85.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 54.0 |      |
| 42-1110-04                | 44.5 | 112.5 | 98.5 | 10  | 25.4 | 28.58 | M12 x 1.75 x 13 | 8.7 | 25.4 | 12.5 | 25.5 | 50.8 | 50.5 | 63.5 | 32   | 25 | 66.7 | 12.5 |
| 42-1110-05                |      | 73    | 57   |     |      |       |                 |     |      |      |      |      |      |      |      |    | 25.4 |      |
| 42-1110-06                |      | 86    | 69.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 38.1 |      |
| 42-1110-09                |      | 98.5  | 82.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 50.8 |      |
| 42-1110-07                |      | 114.5 | 98.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 66.7 |      |
| 双作用缸 (D/A) 两个方向液压驱动       |      |       |      |     |      |       |                 |     |      |      |      |      |      |      |      |    |      |      |
| 42-1120-00                | 27   | 61    | 47.5 | 7.5 | 22.2 | 12.70 | M6 x 1.0 x 11   | 7.1 | 14   | 6.5  | 19   | 38.1 | 28.4 | 51   | 25.5 | 11 | 22.2 | 12.5 |
| 42-1120-01                |      | 80    | 66.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 41.3 |      |
| 42-1120-02                | 35   | 71    | 57   | 8   | 25.4 | 20.64 | M8 x 1.25 x 11  | 8.7 | 25.4 | 12.5 | 25.5 | 38.1 | 50.5 | 51   | 25.5 | 17 | 25.4 | 12.5 |
| 42-1120-03                |      | 84    | 69.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 38.1 |      |
| 42-1120-08                |      | 99.5  | 85.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 54.0 |      |
| 42-1120-04                | 44.5 | 112.5 | 98.5 | 10  | 25.4 | 28.58 | M12 x 1.75 x 13 | 8.7 | 25.4 | 12.5 | 25.5 | 50.8 | 50.5 | 63.5 | 32   | 25 | 66.7 | 12.5 |
| 42-1120-05                |      | 73    | 57   |     |      |       |                 |     |      |      |      |      |      |      |      |    | 25.4 |      |
| 42-1120-06                |      | 86    | 69.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 38.1 |      |
| 42-1120-09                |      | 98.5  | 82.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 50.8 |      |
| 42-1120-07                |      | 114.5 | 98.5 |     |      |       |                 |     |      |      |      |      |      |      |      |    | 66.7 |      |

所有尺寸均毫米。

为有良好的密封, 所有的配合面平面度为0.08毫米范围内, 表面粗糙度为1.6 μm R<sub>a</sub>。

