

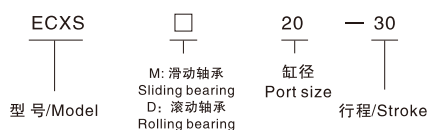
## ECXS PARALLEL DOUBLE LEVER CYLINDER



### Characteristics

- ◆The tube of ECXS cylinder adopts aluminum alloy material with hard oxidation processing to improve the wearable and corrupt-proof ability.
- ◆It combined by two same specification cylinders,the sendout is twice as big as the same cylinder,compact structure,nice appearance.
- ◆High oriented precision, strong axial burthen support ability.
- ◆As for the oriented axletree,there are two option for your reference,one is slip axletree , the other is roll axletree.
- ◆With magnetic ring and Reed switch.
- ◆It have been added senior grease, therefore it can be used without supplying oil.

### Product Code System



### Example

▲For order of the double acting compact cylinder which the inner diameter is 50mm , the stroke is 30mm ,the magnetic ring is attached to , the piston rod has external screw thread, the correct order code is : ECXS – M32 – 50

### Specification

| 缸径/ Inner Diameter (mm)                    | 10                                       | 15      | 20      | 25      | 32     |
|--------------------------------------------|------------------------------------------|---------|---------|---------|--------|
| 工作介质/ Fluid                                | 经过滤的压缩空气/ The constrigent after filtered |         |         |         |        |
| 动作型式/ Action                               | 双作用型/ Double Acting                      |         |         |         |        |
| 使用压力范围/ Range of Working Pressure MPa      | 0.05~0.9                                 |         |         |         |        |
| 保证耐压力/ Proof Press MPa                     | 1.5                                      |         |         |         |        |
| 使用温度范围 / Operating Temp ℃                  | -5~70                                    |         |         |         |        |
| 结构                                         | 双气缸，2倍出力/Double cylinder,double power    |         |         |         |        |
| 缓冲型式/ Cushion                              | 橡胶固定缓冲                                   |         |         |         |        |
| 接管螺纹 / Port Thread                         | M5×0.8                                   |         |         | G1/8    |        |
| 活塞杆不转动精度/Nomsnival precision of piston rod | ± 0.15°                                  | ± 0.15° | ± 0.13° | ± 0.11° | ± 0.1° |

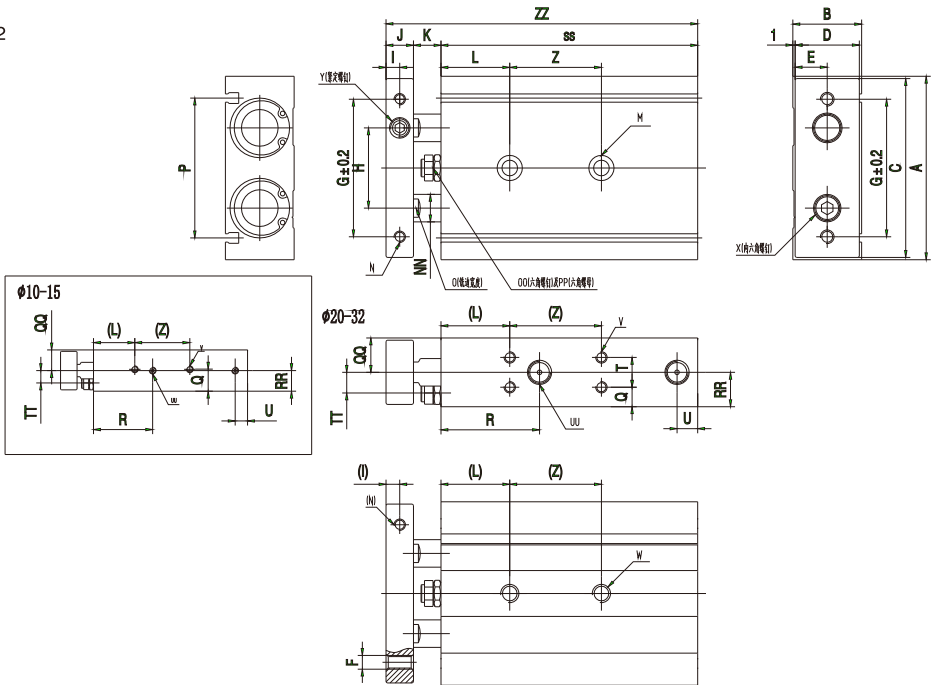
### Cylinder Stroke

| 缸径<br>Inner Diameter(mm) | 标准行程/ Standard Stroke | 磁性开关/Reed Switch                                                                         |
|--------------------------|-----------------------|------------------------------------------------------------------------------------------|
| 10                       | 10 20 30 40 50        | ES – 32 系列<br>磁性开关订货时注明数量<br>magnetic switch,please notify<br>the quantity when ordering |
| 15                       |                       |                                                                                          |
| 20                       |                       |                                                                                          |
| 25                       |                       |                                                                                          |
| 32                       | 10 20 30 40 50 75 100 |                                                                                          |

※Please contact us if you want special stroke cylinder

## ■ Dimensions

ECXS 10/15/20/25/32



| 型号          | A  | B  | C  | D  | E    | F                    | G  | H  | I | J  | K  | L  | M           | N                               | NN  | O  | OO                   | P    | PP          | Q    | QQ   | R    | RR   | 行程S | SS  | T  | TT   | U   | UU                              | V                               | W                               | X                            | Y                  | Z                 | ZZ  |     |
|-------------|----|----|----|----|------|----------------------|----|----|---|----|----|----|-------------|---------------------------------|-----|----|----------------------|------|-------------|------|------|------|------|-----|-----|----|------|-----|---------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|-------------------|-----|-----|
| ECXS□10-10  | 46 | 17 | 44 | 15 | 7.5  | 2-M4<br>X0.7<br>(通孔) | 35 | 20 | 4 | 8  | 9  | 20 | 2-φ34<br>通孔 | 2-M3<br>X0.5<br>螺纹<br>深度<br>5   | φ6  | 5  | M4<br>X0.7<br>X14.5L | 33.6 | M4<br>X0.7  | 8.5  | 7    | 30   | 7    | 10  | 65  | -  | 5    | 8   | 4-M5<br>X0.8<br>螺纹<br>深度<br>4.5 | 4-M3<br>X0.5<br>螺纹<br>深度<br>4.5 | 2-M4<br>X0.7<br>螺纹<br>深度<br>7   | M3<br>X0.5<br>X10L           | M3<br>X0.5<br>X5L  | 30                | 82  |     |
| ECXS□10-20  |    |    |    |    |      |                      |    |    |   |    |    |    | 20          | 75                              |     |    |                      |      |             |      |      |      |      | 92  |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□10-30  |    |    |    |    |      |                      |    |    |   |    |    |    | 30          | 85                              |     |    |                      |      |             |      |      |      |      | 102 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□10-40  |    |    |    |    |      |                      |    |    |   |    |    |    | 40          | 95                              |     |    |                      |      |             |      |      |      |      | 112 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□10-50  |    |    |    |    |      |                      |    |    |   |    |    |    | 50          | 105                             |     |    |                      |      |             |      |      |      |      | 122 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□15-10  | 58 | 20 | 56 | 18 | 9    | 2-M5<br>X0.8<br>(通孔) | 45 | 25 | 5 | 10 | 9  | 30 | 2-φ43<br>通孔 | 2-M4<br>X0.7<br>螺纹<br>深度<br>6   | φ8  | 6  | M4<br>X0.7<br>X14.5L | 48   | M4<br>X0.7  | 10   | 10   | 38.5 | 10   | 10  | 70  | -  | 5    | 8   | 4-M5<br>X0.8<br>螺纹<br>深度<br>4.5 | 4-M4<br>X0.7<br>螺纹<br>深度<br>5   | 2-M5<br>X0.8<br>螺纹<br>深度<br>8   | M5<br>X0.8<br>X10L           | M4<br>X0.7<br>X4L  | 25                | 89  |     |
| ECXS□15-20  |    |    |    |    |      |                      |    |    |   |    |    |    | 20          | 80                              |     |    |                      |      |             |      |      |      |      | 99  |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□15-30  |    |    |    |    |      |                      |    |    |   |    |    |    | 30          | 90                              |     |    |                      |      |             |      |      |      |      | 109 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□15-40  |    |    |    |    |      |                      |    |    |   |    |    |    | 40          | 100                             |     |    |                      |      |             |      |      |      |      | 119 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□15-50  |    |    |    |    |      |                      |    |    |   |    |    |    | 50          | 110                             |     |    |                      |      |             |      |      |      |      | 129 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-10  | 64 | 25 | 62 | 23 | 11.5 | 2-M5<br>X0.8<br>(通孔) | 50 | 28 | 6 | 12 | 12 | 30 | 2-φ55<br>通孔 | 2-M4<br>X0.7<br>螺纹<br>深度<br>6   | φ10 | 8  | M6<br>X1<br>X18.5L   | 53   | M6<br>X1    | 7.75 | 12.5 | 45   | 12.5 | 10  | 10  | 80 | 9.5  | 6.5 | 8                               | 4-M5<br>X0.8<br>螺纹<br>深度<br>4.5 | 4-M4<br>X0.7<br>螺纹<br>深度<br>6   | 2-M6<br>X1<br>螺纹<br>深度<br>10 | M6<br>X1<br>X12L   | M5<br>X0.8<br>X5L | 30  | 104 |
| ECXS□20-20  |    |    |    |    |      |                      |    |    |   |    |    |    | 20          | 90                              |     |    |                      |      |             |      |      |      |      |     | 114 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-30  |    |    |    |    |      |                      |    |    |   |    |    |    | 30          | 100                             |     |    |                      |      |             |      |      |      |      |     | 124 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-40  |    |    |    |    |      |                      |    |    |   |    |    |    | 40          | 110                             |     |    |                      |      |             |      |      |      |      |     | 134 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-50  |    |    |    |    |      |                      |    |    |   |    |    |    | 50          | 120                             |     |    |                      |      |             |      |      |      |      |     | 144 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-75  |    |    |    |    |      |                      |    |    |   |    |    |    | 75          | 145                             |     |    |                      |      |             |      |      |      |      |     | 169 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□20-100 |    |    |    |    |      |                      |    |    |   |    |    |    | 100         | 170                             |     |    |                      |      |             |      |      |      |      |     | 194 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25 10  |    |    |    |    |      |                      |    |    |   |    |    |    | 10          | 82                              |     |    |                      |      |             |      |      |      |      |     | 106 |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25-20  | 80 | 30 | 78 | 28 | 14   | 2-M6<br>X1<br>(通孔)   | 60 | 35 | 6 | 12 | 12 | 30 | 2-φ69<br>通孔 | 2-M5<br>X0.8<br>螺纹<br>深度<br>7.5 | φ12 | 10 | M6<br>X1<br>X18.5L   | 64   | M6<br>X1    | 8.5  | 15   | 46   | 15   | 20  | 92  | 13 | 9    | 9   | 4-G1/8<br>螺纹<br>深度<br>6.5       | 4-M5<br>X0.8<br>螺纹<br>深度<br>7.5 | 2-M8<br>X1.25<br>螺纹<br>深度<br>12 | M6<br>X1<br>X14L             | M6<br>X1<br>X5L    | 40                | 116 |     |
| ECXS□25 30  |    |    |    |    |      |                      |    |    |   |    |    |    | 30          | 102                             |     |    |                      |      |             |      |      |      |      | 126 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25-40  |    |    |    |    |      |                      |    |    |   |    |    |    | 40          | 112                             |     |    |                      |      |             |      |      |      |      | 136 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25-50  |    |    |    |    |      |                      |    |    |   |    |    |    | 50          | 122                             |     |    |                      |      |             |      |      |      |      | 146 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25-75  |    |    |    |    |      |                      |    |    |   |    |    |    | 75          | 147                             |     |    |                      |      |             |      |      |      |      | 171 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□25-100 |    |    |    |    |      |                      |    |    |   |    |    |    | 100         | 172                             |     |    |                      |      |             |      |      |      |      | 196 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-10  |    |    |    |    |      |                      |    |    |   |    |    |    | 10          | 92                              |     |    |                      |      |             |      |      |      |      | 122 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-20  |    |    |    |    |      |                      |    |    |   |    |    |    | 20          | 102                             |     |    |                      |      |             |      |      |      |      | 132 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-30  | 98 | 38 | 96 | 36 | 18   | 2-M6<br>X1<br>(通孔)   | 75 | 44 | 8 | 16 | 14 | 30 | 2-φ69<br>通孔 | 2-M5<br>X0.8<br>螺纹<br>深度<br>8   | φ16 | 13 | M8<br>X1.25<br>X23L  | 76   | M8<br>X1.25 | 9    | 19   | 56   | 19   | 30  | 112 | 20 | 11.5 | 10  | 4-G1/8<br>螺纹<br>深度<br>6.5       | 4-M5<br>X0.8<br>螺纹<br>深度<br>7.5 | 2-M8<br>X1.25<br>螺纹<br>深度<br>12 | M8<br>X1.25<br>X16L          | M8<br>X1.25<br>X8L | 50                | 142 |     |
| ECXS□32-40  |    |    |    |    |      |                      |    |    |   |    |    |    | 40          | 122                             |     |    |                      |      |             |      |      |      |      | 152 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-50  |    |    |    |    |      |                      |    |    |   |    |    |    | 50          | 132                             |     |    |                      |      |             |      |      |      |      | 162 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-75  |    |    |    |    |      |                      |    |    |   |    |    |    | 75          | 157                             |     |    |                      |      |             |      |      |      |      | 187 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |
| ECXS□32-100 |    |    |    |    |      |                      |    |    |   |    |    |    | 100         | 182                             |     |    |                      |      |             |      |      |      |      | 212 |     |    |      |     |                                 |                                 |                                 |                              |                    |                   |     |     |