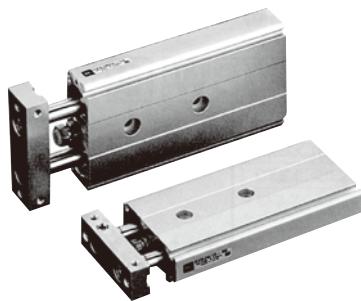


### 共同规格

| 缸径(mm)       | 6             | 10          | 15     | 20      | 25     | 32 |
|--------------|---------------|-------------|--------|---------|--------|----|
| 动作方式         | 双作用           |             |        |         |        |    |
| 使用流体         | 空气            |             |        |         |        |    |
| 最高使用压力       | 0.7MPa        |             |        |         |        |    |
| 最低使用压力       | 0.15MPa       | 0.1MPa      |        | 0.05MPa |        |    |
| 环境及流体温度      | -10~60°C(未冻结) |             |        |         |        |    |
| *润滑          | 不需要           |             |        |         |        |    |
| 活塞速度(mm/s)   | 30~300        | 30~800      | 30~700 |         | 30~600 |    |
| 轴承           |               | 滑动轴承/球轴承    |        |         |        |    |
| 活塞杆不<br>回转精度 | 滑动轴承          |             | ±0.1°  |         |        |    |
|              | 球轴承           |             | ±0.1°  |         |        |    |
| 结构           |               | 双气缸(2倍输出力)  |        |         |        |    |
| 行程调整范围       |               | 缩回行程 0~~5mm |        |         |        |    |
| 缓冲           |               | 橡胶缓冲        |        |         |        |    |
| 接管口径         |               | M5 x 0.8    |        |         | Rc1/8  |    |

\*如需要润滑, 请用透平1号油ISO VG32。



薄型双气缸结构, 不回转精度高及2倍输出力, 抵抗侧面负载力强。

### 型号表示方法



缸体可以4个方向用螺钉固定, 供气口位置可选择

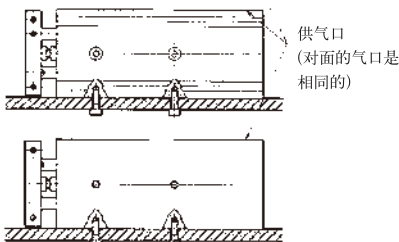
顶部固定



底部固定



侧面固定



### 订货举例

- 所需缸径: 15, 行程: 30, 滑动轴承  
正确型号: CXSM15-30
- 所需缸径: 32, 行程: 30, 球轴承, 内置磁环需配磁性开关  
正确型号: CXSL32-50 1个气缸 D-Z73L 2个磁性开关

### 最大允许负载

下图所示的安装形式, 气缸所受最大允许负载是低于上图所列。



### 适合缸径ø6

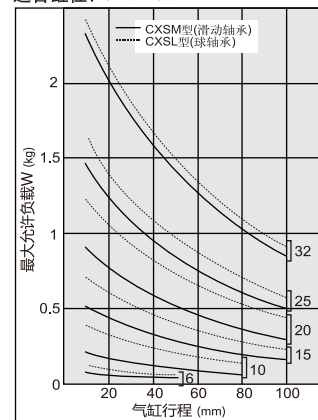
| 型式    | 行程(mm) |      |      |      |      |
|-------|--------|------|------|------|------|
|       | 10     | 20   | 30   | 40   | 50   |
| CXSM6 | 0.80   | 0.66 | 0.54 | 0.46 | 0.40 |
| CXSL6 | 1.08   | 0.88 | 0.69 | 0.59 | 0.49 |

### 行程/磁性开关选择

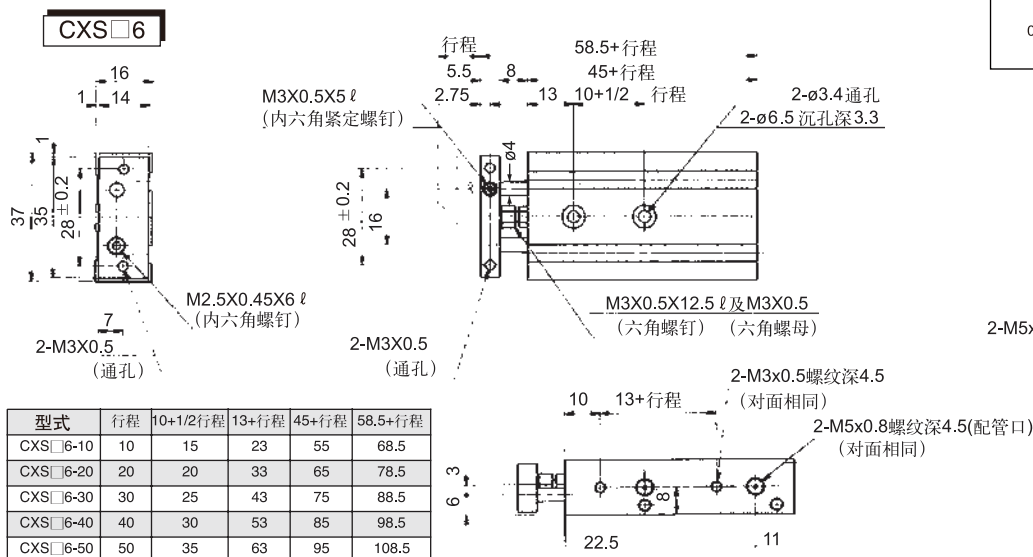
| 缸径<br>(mm) | 标准行程(mm)                                      | 磁性开关      |           |              |
|------------|-----------------------------------------------|-----------|-----------|--------------|
|            |                                               | 有触点<br>2线 | 无触点<br>2线 | 无触点<br>3线NPN |
| 6          | 10,20,30,40,50                                | D-Z73L    | D-Y59BL   | D-Y59AL      |
| 10         | 10,15,20,25,30,35,40,45,50,60,70,75           |           |           |              |
| 15         | 10,15,20,25,30,35,40,45,50,60,70,75,80,90,100 |           |           |              |
| 20         |                                               |           |           |              |
| 25         |                                               |           |           |              |
| 32         |                                               |           |           |              |

注) 磁性开关规格及特性可参阅磁性开关系列。关于非标行程, 请联系SMC。

### 适合缸径: ø10~ø32mm



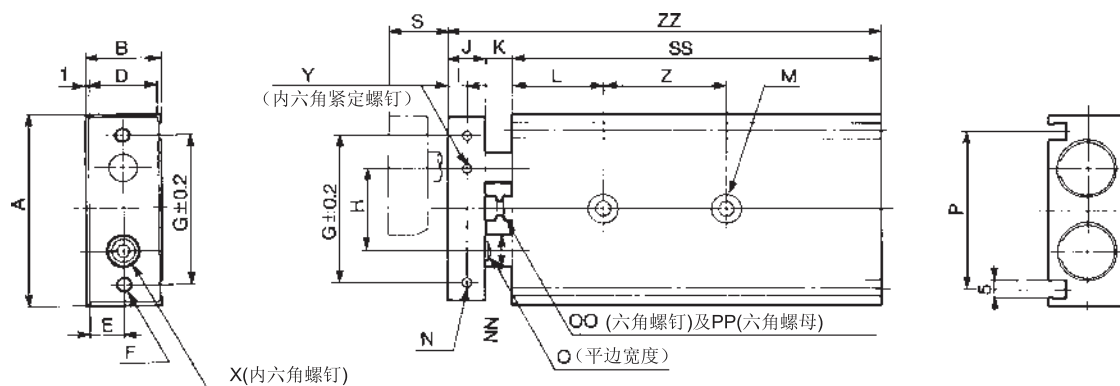
### 外形尺寸图 (毫米)



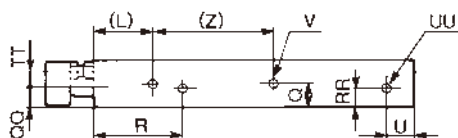
# 双联气缸/基本型：CXS系列

## 外形尺寸图（毫米）

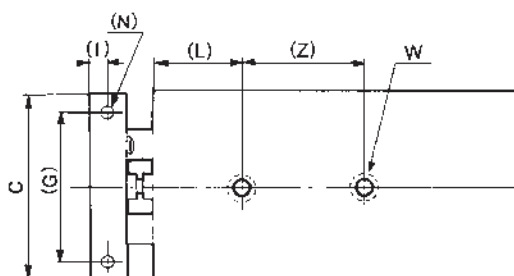
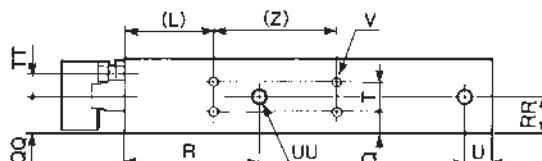
CXS□10-15-20-25-32



ø10~15



ø20~32



| 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   | S   | SS  | T   | TT  | U  | UU                              | V                         | W                           | X                         | Y                  | Z                | ZZ  |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
|------------|-----|-----|-----|----|------|----------------|----|----|---|----|----|----|---------------------------|------------------|-----|----|-------------------|------|-----------|------|------|------|------|-----|-----|-----|-----|----|---------------------------------|---------------------------|-----------------------------|---------------------------|--------------------|------------------|-----|----|----|----------------|----|----|---|----|----|----|--------------------------|--------------------|-----|----|-------------------|----|----------|-----|----|----|----|-----------------|-----|----|---|---|-----------------------------|---------------------------|--------------------|-----------------|----------------|----|-----|
| CXS□10-10  | 46  | 17  | 44  | 15 | 7.5  | 2-M4 X0.7 (通孔) | 35 | 20 | 4 | 8  | 9  | 20 | 2-ø3.4 通孔 2-ø6.5 沉孔深度 3.3 | 2-M3 X0.5 螺纹深度 5 | ø6  | 5  | M4 x 0.7 x 14.5 L | 33.6 | M4 X 0.7  | 8.5  | 7    | 30   | 7    | 10  | 65  | -   | 5   | 8  | 4-M5 X0.8 螺纹深度 4.5 (接气口) (对面相同) | 4-M3 X0.5 螺纹深度 4.5 (对面相同) | 2-M4 X0.7 螺纹深度 7            | M3 x 0.5 x 10 L           | M3 x 0.5 x 5 L     | 30               | 82  |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□10-20  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 20  | 75  |     |     |    |                                 |                           |                             |                           |                    |                  | 92  |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□10-30  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 30  | 85  |     |     |    |                                 |                           |                             |                           |                    |                  | 102 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□10-40  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 40  | 95  |     |     |    |                                 |                           |                             |                           |                    |                  | 112 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□10-50  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 50  | 105 |     |     |    |                                 |                           |                             |                           |                    |                  | 122 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□15-10  | 58  | 20  | 56  | 18 | 9    | 2-M5 X0.8 (通孔) | 45 | 25 | 5 | 10 | 9  | 30 | 2-ø4.3 通孔 2-ø8 沉孔深度 4.4   | 2-M4 X0.7 螺纹深度 6 | ø8  | 6  | M4 x 0.7 x 14.5 L | 48   | M4 X 0.7  | 10   | 10   | 38.5 | 10   | 10  | 70  | -   | 5   | 8  | 4-M5 X0.8 螺纹深度 4.5 (接气口) (对面相同) | 4-M4 X0.7 螺纹深度 5 (对面相同)   | 2-M5 X0.8 螺纹深度 8            | M5 x 0.8 x 10 L           | M4 x 0.7 x 4 L     | 25               | 89  |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□15-20  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 20  | 80  |     |     |    |                                 |                           |                             |                           |                    |                  | 99  |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□15-30  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 30  | 90  |     |     |    |                                 |                           |                             |                           |                    |                  | 105 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□15-40  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 40  | 100 |     |     |    |                                 |                           |                             |                           |                    |                  | 119 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□15-50  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 50  | 110 |     |     |    |                                 |                           |                             |                           |                    |                  | 129 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-10  | 64  | 25  | 62  | 23 | 11.5 | 2-M5 X0.8 (通孔) | 50 | 28 | 6 | 12 | 12 | 30 | 2-ø5.5 通孔 2-ø9.5 沉孔深度 5.3 | 2-M4 X0.7 螺纹深度 6 | ø10 | 8  | M6 x 1.0 x 18.5 L | 53   | M6 X 1.0  | 7.75 | 12.5 | 45   | 7.75 | 10  | 80  | 9.5 | 6.5 | 8  | 4-M5 X0.8 螺纹深度 4.5 (接气口) (对面相同) | 8-M4 X0.7 螺纹深度 6 (对面相同)   | 2-M6 X1.0 螺纹深度 10           | M6 x 1.0 x 12 L           | M5 x 0.8 x 5 L     | 30               | 104 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-20  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 20  | 90  |     |     |    |                                 |                           |                             |                           |                    |                  | 114 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-30  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 30  | 100 |     |     |    |                                 |                           |                             |                           |                    |                  | 124 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-40  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 40  | 110 |     |     |    |                                 |                           |                             |                           |                    |                  | 134 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-50  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 50  | 120 |     |     |    |                                 |                           |                             |                           |                    |                  | 144 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-75  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 75  | 145 |     |     |    |                                 |                           |                             |                           |                    |                  | 169 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□20-100 |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 100 | 170 |     |     |    |                                 |                           |                             |                           |                    |                  | 194 |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□25-10  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 80  | 30  |     |     |    |                                 |                           |                             |                           |                    |                  | 78  | 28 | 14 | 2-M6 X1.0 (通孔) | 60 | 35 | 6 | 12 | 12 | 30 | 2-ø6.9 通孔 2-ø11 沉孔深度 6.3 | 2-M5 X0.8 螺纹深度 7.5 | ø12 | 10 | M6 x 1.0 x 18.5 L | 64 | M6 X 1.0 | 8.5 | 15 | 46 | 15 | 10              | 82  | 13 | 9 | 9 | 4-1/8 螺纹深度 6.5 (接气口) (对面相同) | 8-M5 X0.8 螺纹深度 7.5 (对面相同) | 2-M8 X1.25 螺纹深度 12 | M6 X 1.0 x 14 L | M6 X 1.0 x 5 L | 40 | 106 |
| CXS□25-20  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    | 20              | 92  |    |   |   |                             |                           |                    |                 |                |    | 116 |
| CXS□25-30  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    | 30              | 102 |    |   |   |                             |                           |                    |                 |                |    | 126 |
| CXS□25-40  | 40  | 112 | 136 |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□25-50  | 50  | 122 | 146 |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□25-75  | 75  | 147 | 171 |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□25-100 | 100 | 172 | 196 |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     |     |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□32-10  | 98  | 38  | 96  | 36 | 18   | 2-M6 X1.0 (通孔) | 75 | 44 | 8 | 16 | 14 | 30 | 2-ø6.9 通孔 2-ø11 沉孔深度 6.3  | 2-M5 X0.8 螺纹深度 8 | ø16 | 13 | M8 x 1.25 x 23 L  | 76   | M8 X 1.25 | 9    | 19   | 56   | 19   |     |     | 10  | 92  | 20 | 11.5                            | 10                        | 4-1/8 螺纹深度 6.5 (接气口) (对面相同) | 8-M5 X0.8 螺纹深度 7.5 (对面相同) | 2-M8 X1.25 螺纹深度 12 | M8 x 1.25 x 16 L |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    | M8 x 1.25 x 8 L | 50  |    |   |   |                             |                           |                    |                 |                |    | 122 |
| CXS□32-20  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     | 20  | 102 |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    | 132 |
| CXS□32-30  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      |     |     | 30  | 112 |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    | 142 |
| CXS□32-40  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 40  | 122 | 152 |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□32-50  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 50  | 132 | 162 |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□32-75  |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 75  | 157 | 187 |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |
| CXS□32-100 |     |     |     |    |      |                |    |    |   |    |    |    |                           |                  |     |    |                   |      |           |      |      |      |      | 100 | 182 | 212 |     |    |                                 |                           |                             |                           |                    |                  |     |    |    |                |    |    |   |    |    |    |                          |                    |     |    |                   |    |          |     |    |    |    |                 |     |    |   |   |                             |                           |                    |                 |                |    |     |