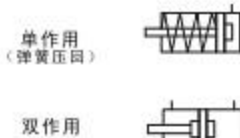
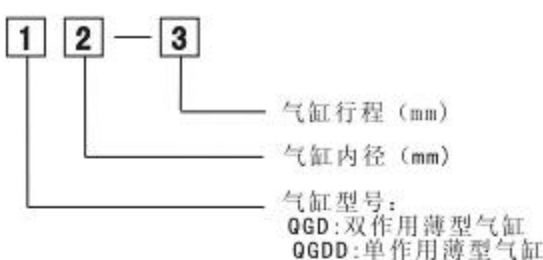


QGD系列薄型气缸分为单作用和双作用两种。该系列气缸轴向尺寸小，结构简单。主要适用于短行程夹具的夹紧工作。

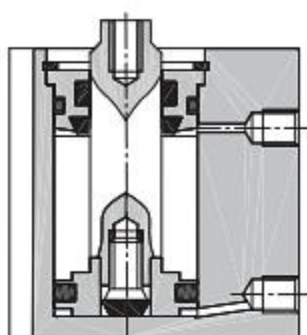
图形符号



型号说明



结构原理图



φ20双作用

订货举例

选用缸径16mm,行程30mm的QGD双作用薄型气缸,则订货型号为**QGD16-30**; 选用,缸径32mm,行程10mm的QGDD单作用薄型气缸,则订货型号为**QGDD32-10**

技术参数

| 缸径Φ (mm) | 16 | 20 | 25 | 32 | 40 | 50 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 | 100 | |
|--------------|------------|----|------|------|------|------|-----|----|------|------|------|------|------|------|------|--|
| 气缸种类 | 单作用 (弹簧复位) | | | | | | 双作用 | | | | | | | | | |
| 最大行程 (mm) | 10 | | | | | | 20 | 40 | | | 50 | | | | | |
| 使用介质 | 洁净压缩空气 | | | | | | | | | | | | | | | |
| 耐压力 (MPa) | 1.5 | | | | | | | | | | | | | | | |
| 工作压力范围 (MPa) | 0.15~1.0 | | | | | | | | | | | | | | | |
| 环境介质温度 (°C) | -5 ~ 60 | | | | | | | | | | | | | | | |
| 杆端螺纹 | 内螺纹 | | | | | | | | | | | | | | | |
| 缓冲 | 不可调缓冲 | | | | | | | | | | | | | | | |
| 给油 | 不需要 (给油亦可) | | | | | | | | | | | | | | | |
| 行程公差 (mm) | +10 0 | | | | | | | | | | | | | | | |
| 接管螺丝 | M5 | M5 | G1/8 | G1/8 | G1/8 | G1/8 | M5 | M5 | G1/8 | G1/8 | G1/8 | G1/8 | G1/8 | G1/4 | G1/4 | |

尺寸表

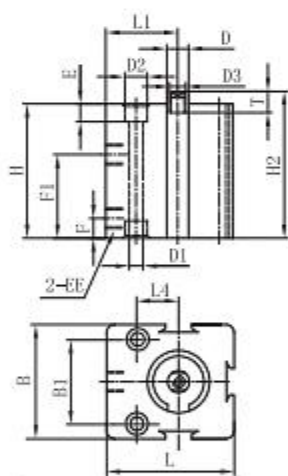
单位: mm

| 缸径Φ (mm) | B | B1 | B3 | DΦ | D1Φ | D2Φ | D3 | E | EE | F | L | L1 | L3 | L4 | SW | T |
|----------|-----|-----|----|----|-----|------|-----|------|------|------|-----|------|-----|----|----|----|
| 16 | 28 | 18 | - | 6 | 4.5 | 8 | M4 | 4.6 | M5 | 5 | 34 | 20 | - | 12 | 6 | 6 |
| 20 | 32 | 20 | - | 10 | 5.5 | 9.5 | M5 | 5.7 | M5 | 6 | 40 | 24 | - | 15 | 8 | 8 |
| 25 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 45 | 32 | 26 | 16 | 5.5 | 9.5 | M6 | 5.7 | G1/8 | 8.5 | 48 | 29 | 36 | - | 14 | 12 |
| 40 | 55 | 42 | 28 | 16 | 5.5 | 10 | M6 | 5.7 | G1/8 | 14.5 | 55 | 33.5 | 42 | - | 14 | 12 |
| 50 | 65 | 50 | 28 | 20 | 6.6 | 11 | M8 | 6.8 | G1/8 | 15 | 65 | 38.5 | 50 | - | 18 | 12 |
| 63 | 80 | 62 | 28 | 20 | 9 | 15 | M8 | 9 | G1/8 | 16.5 | 80 | 45.5 | 62 | - | 18 | 14 |
| 80 | 100 | 82 | 30 | 25 | 9 | 15 | M10 | 10 | G1/4 | 19 | 100 | 58 | 82 | - | 22 | 16 |
| 100 | 124 | 103 | 30 | 25 | 11 | 17.5 | M12 | 16.5 | G1/4 | 21.5 | 124 | 68 | 103 | - | 22 | 20 |

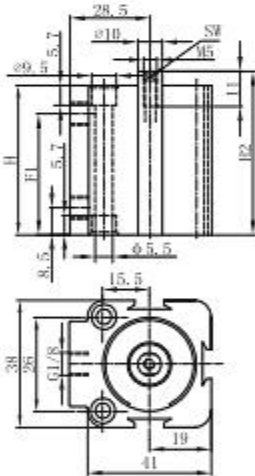
外形及安装尺寸图

双作用

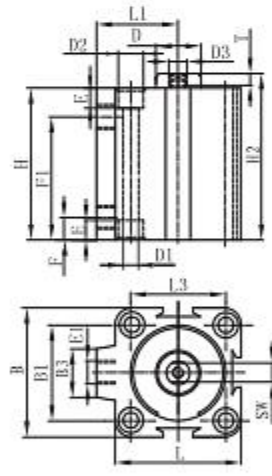
Φ16-Φ20



Φ25



Φ32-Φ100



尺寸表

单位: mm

| 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 |
|-------|------|----|------|-------|----|----|------|-------|------|------|----|
| 16-5 | 13.5 | 22 | 25.5 | 20-5 | 14 | 25 | 28.5 | 25-5 | 19.5 | 31.5 | 35 |
| 16-10 | 18.5 | 27 | 30.5 | 20-10 | 19 | 30 | 33.5 | 25-10 | 24.5 | 36.5 | 40 |
| 16-15 | 23.5 | 32 | 35.5 | 20-15 | 24 | 35 | 38.5 | 25-15 | 29.5 | 41.5 | 45 |
| 16-20 | 28.5 | 37 | 40.5 | 20-20 | 29 | 40 | 43.5 | 25-20 | 34.5 | 46.5 | 50 |
| 16-25 | 33.5 | 42 | 45.5 | 20-25 | 34 | 45 | 48.5 | 25-25 | 39.5 | 51.5 | 55 |
| 16-30 | 38.5 | 47 | 50.5 | 20-30 | 39 | 50 | 53.5 | 25-30 | 44.5 | 56.5 | 60 |
| 16-40 | 48.5 | 57 | 60.5 | 20-40 | 49 | 60 | 63.5 | 25-40 | 54.5 | 66.5 | 70 |
| | | | | 20-50 | 59 | 70 | 73.5 | 25-50 | 64.5 | 76.5 | 80 |

单位: mm

| 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 |
|-------|------|-------|-----|-------|-------|-----|-------|-------|-----|-----|-------|
| 32-5 | 21.5 | 34.5 | 38 | 40-5 | 28.5 | 43 | 46.5 | 50-10 | 34 | 49 | 53.5 |
| 32-10 | 26.5 | 39.5 | 43 | 40-10 | 33.5 | 48 | 51.5 | 50-15 | 39 | 54 | 58.5 |
| 32-15 | 31.5 | 44.5 | 48 | 40-15 | 38.5 | 53 | 56.5 | 50-20 | 44 | 59 | 63.5 |
| 32-20 | 36.5 | 49.5 | 53 | 40-20 | 43.5 | 58 | 61.5 | 50-25 | 49 | 64 | 68.5 |
| 32-25 | 41.5 | 54.5 | 58 | 40-25 | 48.5 | 63 | 66.5 | 50-30 | 54 | 69 | 73.5 |
| 32-30 | 46.5 | 59.5 | 63 | 40-30 | 53.5 | 68 | 71.5 | 50-40 | 64 | 79 | 83.5 |
| 32-40 | 56.5 | 69.5 | 73 | 40-40 | 63.5 | 78 | 81.5 | 50-50 | 74 | 89 | 93.5 |
| 32-50 | 66.5 | 79.5 | 83 | 40-50 | 73.5 | 88 | 91.5 | 50-60 | 84 | 99 | 103.5 |
| 32-60 | 76.5 | 89.5 | 93 | 40-60 | 83.5 | 98 | 101.5 | 50-80 | 104 | 119 | 123.5 |
| 32-80 | 96.5 | 109.5 | 113 | 40-80 | 103.5 | 118 | 121.5 | | | | |

单位: mm

| 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 | 缸径-行程 | F1 | H | H2 |
|-------|-------|-----|-------|-------|-------|-------|-----|--------|-------|-----|-------|
| 63-10 | 36.5 | 53 | 57.5 | 80-10 | 45.5 | 64.5 | 71 | 100-10 | 42.5 | 69 | 75.5 |
| 63-15 | 41.5 | 58 | 62.5 | 80-15 | 50.5 | 69.5 | 76 | 100-15 | 47.5 | 74 | 80.5 |
| 63-20 | 46.5 | 63 | 67.5 | 80-20 | 55.5 | 74.5 | 81 | 100-20 | 52.5 | 79 | 85.5 |
| 63-25 | 51.5 | 68 | 72.5 | 80-25 | 60.5 | 79.5 | 86 | 100-25 | 57.5 | 84 | 90.5 |
| 63-30 | 56.5 | 73 | 77.5 | 80-30 | 65.5 | 84.5 | 91 | 100-30 | 62.5 | 89 | 95.5 |
| 63-40 | 66.5 | 83 | 87.5 | 80-40 | 75.5 | 94.5 | 101 | 100-40 | 72.5 | 99 | 105.5 |
| 63-50 | 76.5 | 93 | 97.5 | 80-50 | 85.5 | 104.5 | 111 | 100-50 | 82.5 | 109 | 115.5 |
| 63-60 | 86.5 | 103 | 107.5 | 80-60 | 95.5 | 114.5 | 121 | 100-60 | 92.5 | 119 | 125.5 |
| 63-80 | 106.5 | 123 | 127.5 | 80-80 | 115.5 | 134.5 | 141 | 100-80 | 112.5 | 139 | 145.5 |