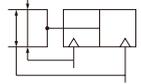
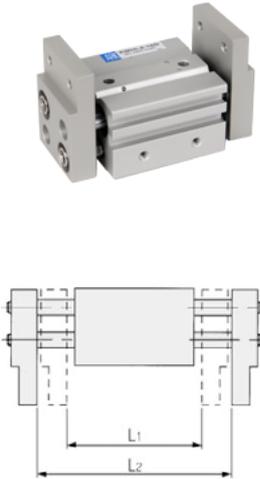


宽型气爪 Wide Type Air Gripper Series **KMHL2** (Ø10~Ø40)



规格 Specifications



| | | | | | | | | | | | | | | | | | | |
|--|---------------------------|-----|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 缸径 Bore size (mm) | 10 | 16 | 20 | 25 | 32 | 40 | | | | | | | | | | | | |
| 接管口径 Port size Rc(PT) | M5x0.8 | | | | 1/8 | | | | | | | | | | | | | |
| 使用流体 Fluid | 过滤洁净空气 Filtered clean air | | | | | | | | | | | | | | | | | |
| 动作形式 Action | 双动 Double acting | | | | | | | | | | | | | | | | | |
| 使用压力范围 Operating pressure range (MPa) | 0.15~0.6 | | 0.1~0.6 | | | | | | | | | | | | | | | |
| 环境及流体温度 Ambient and fluid temperature | -5~60°C (未冻结 No freezing) | | | | | | | | | | | | | | | | | |
| *1) 有效夹持力 Effective gripping force (0.5 MPa) (N) | 14 | 45 | 74 | 131 | 228 | 396 | | | | | | | | | | | | |
| 开闭行程 Opening/ closing stroke (L2-L1) (mm) | 20 | 40 | 60 | 30 | 60 | 80 | 40 | 80 | 100 | 50 | 100 | 120 | 70 | 120 | 160 | 100 | 160 | 200 |
| 闭合宽度 Closed width (L1) (mm) | 56 | 78 | 96 | 68 | 110 | 130 | 82 | 142 | 162 | 100 | 182 | 200 | 150 | 198 | 242 | 188 | 246 | 286 |
| 打开宽度 Open width (L2) (mm) | 76 | 118 | 156 | 98 | 170 | 210 | 122 | 222 | 262 | 150 | 282 | 320 | 220 | 318 | 402 | 288 | 406 | 486 |
| 最高动作频率 Max. opening frequency (c.p.m) | 60 | 40 | 40 | 60 | 40 | 40 | 60 | 40 | 40 | 60 | 40 | 40 | 30 | 20 | 20 | 30 | 20 | 20 |
| *2) 润滑 Lubrication | 不需要 Not required | | | | | | | | | | | | | | | | | |
| 重复精度 Repeatability (mm) | ± 0.01 | | | | | | | | | | | | | | | | | |
| 磁性开关 Auto switch | D-Z73K | | | | | | | | | | | | | | | | | |

*1) 夹持点距离 L=40mm (Ø10~Ø25), L=80mm (Ø32, Ø40) 时的数值。
Values for when L=40mm (Ø10~Ø25), L=80mm (Ø32, Ø40).

2) 如需要润滑请使用透平 1 号油 ISOVG32。Please use Turbine oil 1st Grade ISOVG32 if necessary.

型号表示方法 How to Order

KMHL2 - 16 D - Z73K S

缸径 Bore size

磁性开关数量 No. of auto switches

| | |
|---|---|
| - | 2 |
| S | 1 |

动作形式 Action

D 双动 Double acting

行程 Stroke (mm)

| 缸径 Bore size | 10 | 16 | 20 | 25 | 32 | 40 |
|--------------|----|----|-----|-----|-----|-----|
| - | 20 | 30 | 40 | 50 | 70 | 100 |
| 1 | 40 | 60 | 80 | 100 | 120 | 160 |
| 2 | 60 | 80 | 100 | 120 | 160 | 200 |

磁性开关 Auto switch

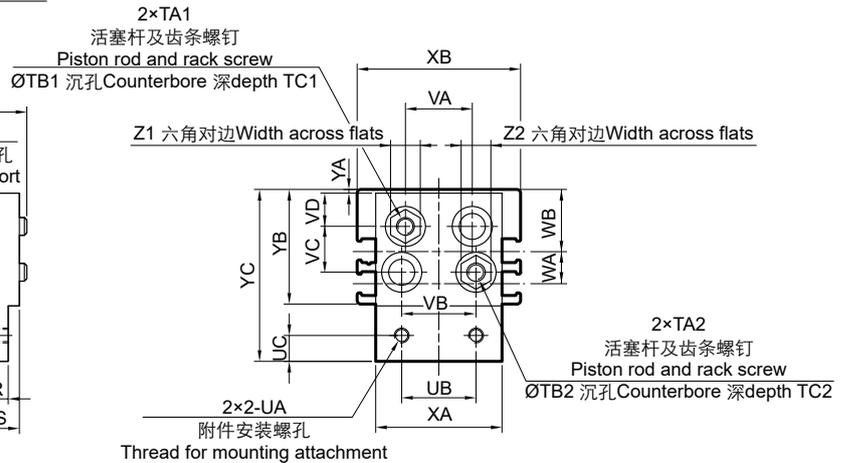
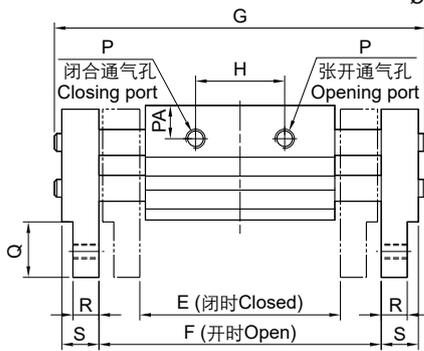
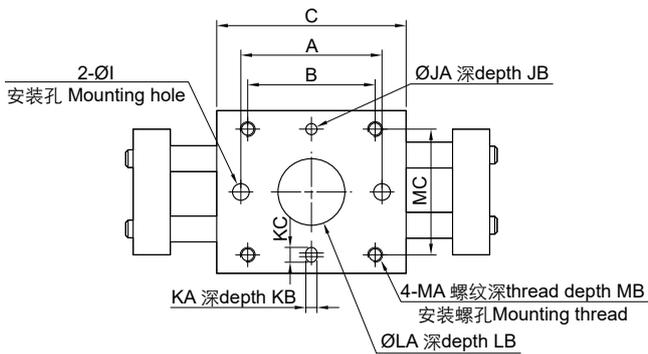
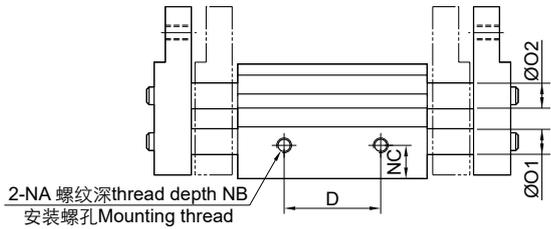
| | | |
|-------|---------|--------------------------------|
| Z73K | D-Z73K | 有接点型 Reed switch |
| Z73KD | D-Z73KD | 两线式无接点 2-wire, solid state |
| Z73KN | D-Z73KN | NPN 无接点 NPN Solid state output |
| Z73KP | D-Z73KP | PNP 无接点 PNP Solid state output |

宽型气爪

Wide Opening Air Gripper

Series KMHL2

外形尺寸图 Dimensions (mm)



| 型号 Model | A | B | C | D | E | F | G | H |
|------------|-----|-----|-----|-----|-----|-----|-----|-----|
| KMHL2-10D | 38 | 36 | 51 | 26 | 56 | 76 | 100 | 24 |
| KMHL2-10D1 | 54 | 52 | 67 | 42 | 78 | 118 | 142 | 39 |
| KMHL2-10D2 | 72 | 70 | 85 | 60 | 96 | 156 | 180 | 57 |
| KMHL2-16D | 40 | 45 | 60 | 28 | 68 | 98 | 128 | 26 |
| KMHL2-16D1 | 70 | 75 | 90 | 58 | 110 | 170 | 200 | 50 |
| KMHL2-16D2 | 90 | 95 | 110 | 78 | 130 | 210 | 240 | 70 |
| KMHL2-20D | 54 | 58 | 71 | 38 | 82 | 122 | 160 | 32 |
| KMHL2-20D1 | 96 | 100 | 113 | 80 | 142 | 222 | 260 | 68 |
| KMHL2-20D2 | 116 | 120 | 133 | 100 | 162 | 262 | 300 | 88 |
| KMHL2-25D | 66 | 70 | 88 | 48 | 100 | 150 | 196 | 38 |
| KMHL2-25D1 | 120 | 124 | 142 | 102 | 182 | 282 | 328 | 86 |
| KMHL2-25D2 | 138 | 142 | 160 | 120 | 200 | 320 | 366 | 104 |
| KMHL2-32D | - | 86 | 110 | 60 | 150 | 220 | 272 | 56 |
| KMHL2-32D1 | - | 134 | 158 | 108 | 198 | 318 | 370 | 104 |
| KMHL2-32D2 | - | 178 | 202 | 152 | 242 | 402 | 454 | 148 |
| KMHL2-40D | - | 116 | 148 | 80 | 188 | 288 | 348 | 72 |
| KMHL2-40D1 | - | 174 | 206 | 138 | 246 | 406 | 466 | 130 |
| KMHL2-40D2 | - | 214 | 246 | 178 | 286 | 486 | 546 | 170 |

| 型号 Model | I | JA | JB | KA | KB | KC | LA | LB | MA | MB | MC | NA | NB | NC | O1 | O2 | P | PA | Q | R | S |
|-----------|-----|------------------------------------|-----|------------------------------------|-----|----|-------------------------------------|-----|---------|----|----|---------|----|------|----|----|--------|----|----|------|----|
| KMHL2-10D | 4.5 | 3H9 ^{+0.025} ₀ | 3 | 3H9 ^{+0.025} ₀ | 3 | 4 | 18H9 ^{+0.043} ₀ | 1.5 | M4x0.7 | 8 | 34 | M4x0.7 | 5 | 9 | 6 | 6 | M5x0.8 | 9 | 15 | 7 | 10 |
| KMHL2-16D | 5.5 | 3H9 ^{+0.025} ₀ | 3 | 3H9 ^{+0.025} ₀ | 3 | 4 | 23H9 ^{+0.052} ₀ | 1.5 | M5x0.8 | 10 | 42 | M5x0.8 | 7 | 10 | 8 | 8 | M5x0.8 | 10 | 19 | 9 | 13 |
| KMHL2-20D | 6.6 | 4H9 ^{+0.030} ₀ | 4 | 4H9 ^{+0.030} ₀ | 4 | 5 | 27H9 ^{+0.052} ₀ | 1.5 | M6x1.0 | 12 | 52 | M6x1.0 | 7 | 11 | 10 | 10 | M5x0.8 | 11 | 24 | 12.5 | 17 |
| KMHL2-25D | 9 | 4H9 ^{+0.030} ₀ | 4.5 | 4H9 ^{+0.030} ₀ | 4.5 | 5 | 32H9 ^{+0.052} ₀ | 1.5 | M8x1.25 | 16 | 62 | M8x1.25 | 7 | 12.5 | 12 | 12 | M5x0.8 | 16 | 29 | 14 | 21 |
| KMHL2-32D | - | 6H9 ^{+0.030} ₀ | 8 | 6H9 ^{+0.030} ₀ | 8 | 7 | 35H9 ^{+0.062} ₀ | 2.5 | M8x1.25 | 16 | 64 | M8x1.25 | 11 | 22 | 14 | 16 | 1/8 | 16 | 32 | 15 | 24 |
| KMHL2-40D | - | 6H9 ^{+0.030} ₀ | 8 | 6H9 ^{+0.030} ₀ | 8 | 7 | 40H9 ^{+0.062} ₀ | 2.5 | M10x1.5 | 20 | 76 | M10x1.5 | 12 | 28 | 16 | 20 | 1/8 | 18 | 38 | 18 | 24 |

| 型号 Model | TA1 | TA2 | TB1 | TB2 | TC1 | TC2 | UA | UB | UC | VA | VB | VC | VD | WA | WB | XA | XB | YA | YB | YC | Z1 | Z2 |
|-----------|---------|----------|------|------|-----|-----|----------|----|----|------|----|------|------|-----|------|----|----|-----|----|-----|----|----|
| KMHL2-10D | M5x0.8 | M5x0.8 | 12.4 | 12.4 | 5.5 | 5.5 | M4x0.7 | 20 | 7 | 18.2 | 20 | 12.5 | 8 | 8.4 | 16.8 | 34 | 44 | 0.5 | 31 | 46 | 8 | 8 |
| KMHL2-16D | M6x1.0 | M6x1.0 | 15 | 15 | 6.5 | 6.5 | M5x0.8 | 25 | 8 | 22.6 | 25 | 16.5 | 9 | 11 | 20.5 | 43 | 55 | 0.5 | 39 | 58 | 10 | 10 |
| KMHL2-20D | M6x1.0 | M6x1.0 | 15 | 15 | 6.5 | 6.5 | M6x1.0 | 30 | 10 | 28.2 | 30 | 20 | 10 | 14 | 24 | 54 | 65 | 1 | 46 | 70 | 10 | 10 |
| KMHL2-25D | M8x1.25 | M8x1.25 | 18.5 | 18.5 | 6.5 | 6.5 | M8x1.25 | 40 | 12 | 33.2 | 38 | 23.5 | 11.5 | 18 | 27 | 64 | 76 | 1 | 52 | 81 | 13 | 13 |
| KMHL2-32D | M10x1.5 | M10x1.5 | 26 | 26 | 11 | 11 | M10x1.5 | 50 | 15 | 32.2 | 40 | 30 | 14.5 | 26 | 32.5 | 70 | 82 | 1 | 68 | 100 | 17 | 17 |
| KMHL2-40D | M10x1.5 | M12x1.75 | 26 | 28 | 11 | 11 | M12x1.75 | 60 | 18 | 40.2 | 48 | 37 | 16 | 30 | 39 | 86 | 98 | 1 | 79 | 117 | 17 | 19 |