

CAHA

BIG BORE POWER CHUCK (SHORT TAPER)

大通孔动力卡盘(短锥型)/高速中空型パワーチャック(アダプター付)/고속중공형 파워척(이답터 부착형)



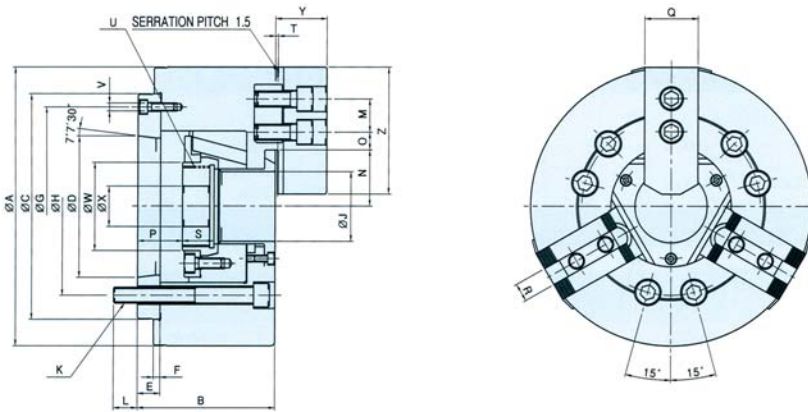
- 1 • **High Performance and High Accuracy** Adapter is attached to CAH power chuck. Performance and quality are identical CAH and its parts are compatible each other.
- 2 • **Spindle Direct-Mounting Type** International standard A-type spindle specification is applied to the mounting face, so it is possible to directly attach to short taper spindle.
- 3 • **Shortening of changing time** Time of changing chuck can be minimized as run-out accuracy is kept upon attachment.
- 4 • **Convenient Attachment Option** Because adapters suitable to various spindle specifications can be manufactured and attached, the scope of application is extensive.

1 • 性能好, 精度高: CAH型卡盘是在CAH型卡盘上附带转接法兰以实现直接安装, 因此其性能, 质量与CAH卡盘一致, 且配件具有兼容性. 2 • 直接安装型: 可直接安装在符合国际标准A型主轴的短锥安装面上. 3 • 换装方便: 若更换附件可在最短的时间内, 达到其运行的精度要求. 4 • 便于安装选择: 可通过转接法兰与各种不同规格的主轴连接, 扩大了其使用范围.

1 • 高性能·高精度 2 • 스피ndl 直装型 3 • 取替え時間短縮 4 • 便利な取付けオプション

1 • 고성능·고정도 2 • 스피ndl 직장형 3 • 교체시간 단축 4 • 부착옵션 용이

Outward Drawing/外型图/外形图/외형도



Dimension/尺寸/寸法表/치수표

| Item 항목 | A | B | C | D | E | F | G | H | J | K | L | M | Nmax | Nmin | Omax | Omin | Pmax | Pmin | Q | R | S | T | U max | V | W | X | Y | Z |
|---------|-----|-----|-----|---------|----|---|-------|-------|-----|-------|----|----|-------|-------|-------|------|------|------|----|----|------|---|----------|-------|-----|----|----|-----|
| CAHA-06 | 169 | 90 | 140 | 82.563 | 15 | 5 | 116 | 1048 | 46 | 6-M10 | 16 | 20 | 33.5 | 30.7 | 23 | 10 | 27 | 14 | 31 | 12 | 19 | 2 | M55X2.0 | 3-M6 | 60 | 20 | 33 | 66 |
| CAHA-08 | 210 | 103 | 170 | 106.375 | 17 | 5 | 150 | 1334 | 52 | 6-M12 | 18 | 25 | 41.7 | 37.9 | 27 | 10 | 33.5 | 15.5 | 39 | 14 | 20.5 | 2 | M60X2.0 | 3-M6 | 66 | 30 | 39 | 86 |
| CAHA-10 | 254 | 113 | 220 | 139.719 | 18 | 5 | 190 | 1714 | 77 | 6-M16 | 24 | 30 | 54.5 | 50.3 | 31 | 12 | 27.5 | 7.5 | 44 | 16 | 27 | 2 | M85X2.0 | 3-M8 | 94 | 30 | 45 | 108 |
| CAHA-12 | 304 | 127 | 220 | 139.719 | 18 | 6 | 190 | 1714 | 91 | 6-M16 | 25 | 30 | 62.1 | 56.7 | 45 | 15 | 28 | 4 | 50 | 21 | 28 | 2 | M100X2.0 | 3-M8 | 108 | 30 | 51 | 111 |
| CAHA-15 | 381 | 149 | 300 | 196.869 | 22 | 6 | 260 | 235 | 118 | 6-M20 | 28 | 43 | 82 | 76.7 | 43.8 | 18.3 | 33 | 10 | 62 | 22 | 39 | 5 | M130X2.0 | 3-M10 | 139 | 60 | 70 | 165 |
| CAHA-18 | 450 | 149 | 380 | 196.869 | 22 | 6 | 320 | 235 | 118 | 6-M20 | 28 | 43 | 82 | 76.7 | 73.8 | 18.3 | 33 | 10 | 62 | 22 | 39 | 5 | M130X2.0 | 3-M10 | 139 | 60 | 70 | 165 |
| CAHA-21 | 530 | 161 | 380 | 285.775 | 27 | 6 | 330.2 | 330.2 | 140 | 6-M22 | 34 | 60 | 98.5 | 93.2 | 87.5 | 21.5 | 38 | 15 | 65 | 25 | 39 | 5 | M155X3.0 | 3-M12 | 166 | 80 | 73 | 180 |
| CAHA-24 | 610 | 170 | 380 | 285.775 | 27 | 6 | 330.2 | 330.2 | 165 | 6-M22 | 35 | 60 | 108.4 | 103.2 | 117.5 | 21.5 | 47 | 24 | 65 | 25 | 40 | 5 | M175X3.0 | 3-M12 | 187 | 80 | 73 | 180 |

Specifications/规格/仕様表/사양표

| Spec 사양 | Order NO. 오더번호 | Spindle nose NO. 주축규격 | Thru-hole (Diameter) 관통경(직경)mm | Jaw stroke (Diameter) 조스트로크(직경)mm | Plunger stroke 플런저 스트로크 mm | Gripping Dia.(Extend gripping) 파악경(외경파악)mm | | Max. permissible input force/허용 실린더력 KN(kgf) |
|---------|-------------------|--------------------------|--------------------------------------|---|----------------------------------|---|--------|--|
| | | | | | | Max 최대 | Min 최소 | |
| CAHA-06 | 1AHA06 | A2-5 | 46 | 5.5 | 13 | 169 | 13 | 25(2500) |
| CAHA-08 | 1AHA08 | A2-6 | 52 | 7.6 | 18 | 210 | 11 | 40(4080) |
| CAHA-10 | 1AHA10 | A2-8 | 77 | 8.5 | 20 | 254 | 31 | 50(5100) |
| CAHA-12 | 1AHA12 | A2-8 | 91 | 10.2 | 24 | 304 | 34 | 58(5916) |
| CAHA-15 | 1AHA15 | A2-11 | 118 | 10.6 | 23 | 381 | 30 | 71(7240) |
| CAHA-18 | 1AHA18 | A2-11 | 118 | 10.6 | 23 | 450 | 30 | 71(7240) |
| CAHA-21 | 1AHA21 | A2-11, 15 | 140 | 10.6 | 23 | 530 | 87 | 90(9177) |
| CAHA-24 | 1AHA24 | A2-11, 15 | 165 | 10.4 | 23 | 610 | 110 | 90(9177) |

| Spec 사양 | Max. static gripping force/최대 정적파악력 KN(kgf) | Max permissible speed 최고 사용회전수 r.p.m.(min ⁻¹) | Weight (With standard soft jaws)/중량 (표준 소프트 죠 포함) kg | GD ² Moment of inertia N·m ² (kgf·m ²) | Matching cylinder 적용실린더 | Matching hard jaw 적용하드 죠 | Matching soft jaw 적용소프트 죠 |
|---------|---|---|--|--|----------------------------|-----------------------------|------------------------------|
| CAHA-06 | 63(6426) | 6000 | 13.7 | 2.45(0.25) | YAH-06 | HJ-06T1 | SJ-06T1 |
| CAHA-08 | 94(9597) | 5000 | 23.6 | 6.90(0.71) | YAH-08 | HJ-08T1 | SJ-08T1 |
| CAHA-10 | 125(12740) | 4200 | 40 | 12.65(1.29) | YAH-10 | HJ-10T1 | SJ-10T1 |
| CAHA-12 | 147(15000) | 3300 | 64 | 30.00(3.06) | YAH-12 | HJ-12A1 | SJ-12A1 |
| CAHA-15 | 180(18355) | 2500 | 127 | 93.55(9.54) | YAH-15 | HJ-15T1 | SJ-15A1 |
| CAHA-18 | 180(18355) | 2000 | 178 | 187.30(19.1) | YAH-15 | HJ-15T1 | SJ-15A1 |
| CAHA-21 | 234(23861) | 1700 | 246 | 362.83(37.0) | YAH-15 | HJ-21B1 | SJ-21A1 |
| CAHA-24 | 234(23861) | 1400 | 304 | 660.94(66.4) | YAH-15 | HJ-21B1 | SJ-21A1 |