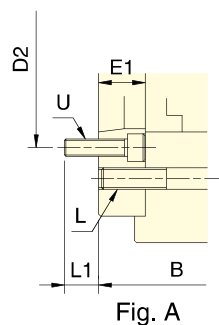
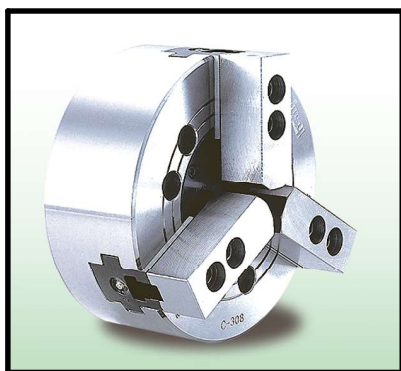
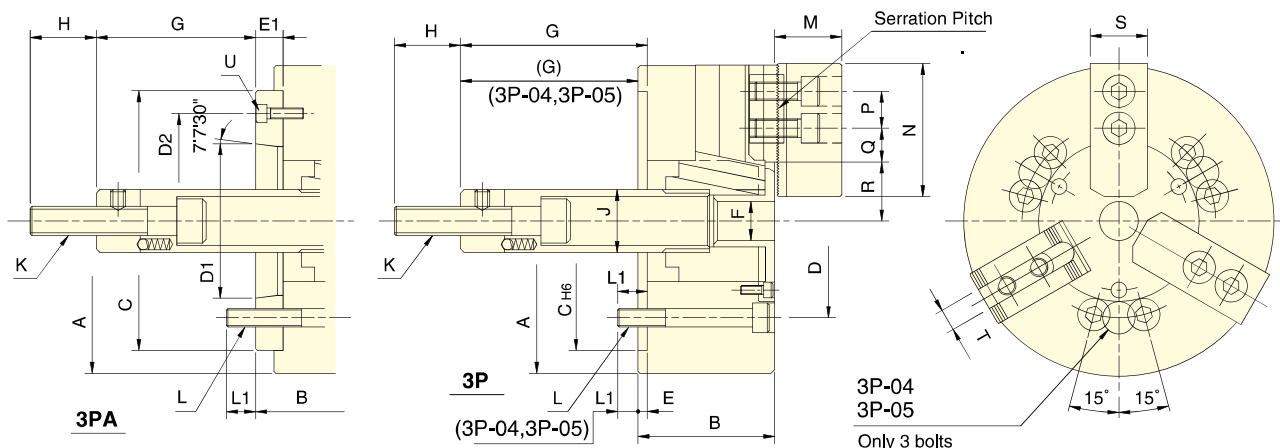


## POWER CHUCK (1)



**3P-08A5**  
**3P-10A6**  
**3P-12A6**  
 Refer to Fig.A



Subject to technical changes.

The dimensions and the specifications of **3P-A** type are in the **red data**.

| Spec. Model            | Plunger stroke mm | Jaw stroke(Dia.) mm | Chucking Dia.mm    | Max. D.B. pull kN(kgf) | Max clamping force kN(kgf) | Max. speed min <sup>2</sup> (r.p.m) | I kg-m <sup>2</sup> | Weight kg | Matching cyl.    | Max. pressure Mpa (kgf/cm <sup>2</sup> ) |
|------------------------|-------------------|---------------------|--------------------|------------------------|----------------------------|-------------------------------------|---------------------|-----------|------------------|------------------------------------------|
| <b>3P-04</b>           | 15                | 6.4                 | Max. 110<br>Min. 5 | 8.1 (830)              | 22.5(2300)                 | 6000                                | 0.01                | 4.1       | <b>RK-75(N)</b>  | 2.2(22)                                  |
| <b>3P-05</b>           |                   |                     | 135                |                        | 25 (2550)                  | 5500                                | 0.02                | 6.2       | <b>RA-130</b>    | 0.6(6)                                   |
| <b>3P-06</b> <b>A5</b> | 20                | 8.5                 | 165                | 17.9(1830)             | 52.4(5350)                 | 5250                                | 0.05                | 13        | <b>RK-100(N)</b> | 2.6(26)                                  |
| <b>3P-08</b> <b>A5</b> | 21                | 8.8                 | 210                | 25 (2550)              | 74.5(7600)                 | 4750                                | 0.14                | 24        | <b>RK-125(N)</b> | 2.3(23)                                  |
| <b>3P-10</b> <b>A6</b> | 25                | 8.8                 | 254                | 28.9(2950)             | 107.8(11000)               | 4000                                | 0.30                | 35        | <b>RA-220</b>    | 2.6(26)                                  |
| <b>3P-12</b> <b>A6</b> | 30                | 10.5                | 304                | 41 (4180)              | 155.8(15900)               | 3360                                | 0.73                | 59        | <b>RK-150(N)</b> | 2.6(26)                                  |
| <b>A8</b>              |                   |                     |                    |                        |                            |                                     |                     |           | <b>RA-270</b>    | 0.8(8)                                   |

| Size Model             | A   | B   | C   | D   | D1    | D2    | E | E1 | F  | G max. | G min. | H    | J    |
|------------------------|-----|-----|-----|-----|-------|-------|---|----|----|--------|--------|------|------|
| <b>3P-04</b>           | 110 | 52  | 60  | 80  | -     | -     | 6 | -  | -  | 18     | 3      | 25   | 26   |
| <b>3P-05</b>           | 135 | 55  | 80  | 100 | -     | -     | 7 | -  | -  | 9      | -6     | 35   | 28   |
| <b>3P-06</b> <b>A5</b> | 165 | 74  | 84  | 140 | 104.8 | 116   |   | 15 | 21 | 101.5  | 86.5   | 81.5 | 66.6 |
| <b>3P-08</b> <b>A5</b> | 210 | 85  | 103 | 170 | 133.4 | 150   |   | 23 | 25 | 127    | 110    | 106  | 83   |
| <b>3P-08</b> <b>A6</b> |     |     | 97  |     |       |       | 5 | 17 |    |        |        |      | 89   |
| <b>3P-10</b> <b>A6</b> | 254 | 89  | 109 |     |       | 133.4 |   | 25 |    | 158    | 133    |      | 108  |
| <b>3P-10</b> <b>A8</b> |     |     | 102 |     |       | 190   |   | 18 |    |        | 140    |      | 115  |
| <b>3P-12</b> <b>A6</b> | 304 | 106 | 125 | 220 | 171.4 | 133.4 |   | 25 | 34 | 163    | 138    | 133  | 108  |
| <b>3P-12</b> <b>A8</b> |     |     | 118 |     |       | 190   | 6 | 18 |    |        | 145    |      | 115  |

| Size Model             | K        | L     | L1 | M  | N   | P  | Q max. | Q min. | R max. | R min. | S  | T      | U     |
|------------------------|----------|-------|----|----|-----|----|--------|--------|--------|--------|----|--------|-------|
| <b>3P-04</b>           | M10x1.5  | 3~M8  | 12 | 24 | 52  | 14 | 11.3   | 8.3    | 23.3   | 20.1   | 23 | 10     | -     |
| <b>3P-05</b>           | M12x1.75 |       | 14 | 31 | 62  |    | 13.5   | 6      | 30.4   | 27.2   | 25 |        |       |
| <b>3P-06</b> <b>A5</b> | M16x2    | 6~M10 | 14 | 37 | 73  | 20 | 18     | 7.5    | 37.8   | 33.5   | 31 | 12     | 3~M6  |
| <b>3P-08</b> <b>A5</b> |          | 6~M12 | 20 | 38 | 95  | 25 | 22.3   | 11.8   | 46.3   | 41.9   | 35 | 14     | 6~M10 |
| <b>3P-08</b> <b>A6</b> |          |       |    |    |     |    |        |        |        |        |    |        | 3~M6  |
| <b>3P-10</b> <b>A6</b> | M20x2.5  |       |    | 43 | 110 | 30 | 30.8   | 11.3   | 51.1   | 46.7   | 40 | 16     | 6~M12 |
| <b>3P-10</b> <b>A8</b> |          |       |    |    |     |    |        |        |        |        |    |        | 3~M8  |
| <b>3P-12</b> <b>A6</b> |          | 6~M16 | 18 | 51 | 130 | 30 | 48.8   | 12.3   | 61     | 55.8   | 50 | 18or21 | 6~M12 |
| <b>3P-12</b> <b>A8</b> |          |       |    |    |     |    |        |        |        |        |    |        | 3~M8  |