



# AS series

## Pneumatically operated stationary chuck

Can be used as an alternative to a fixture

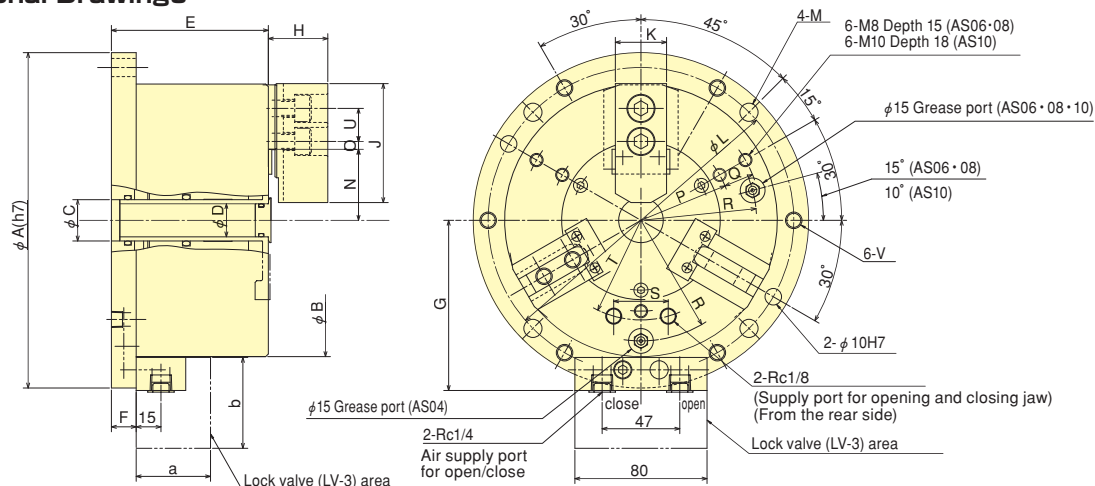
- Small and lightweight design, with inbuilt air cylinder
- Easy mounting by air piping
- Hollow structure optimal for bar work-piece and air blow
- Standard Soft Jaw for Power Chuck is used
- By using the optional lock valve unit, it is possible to remove the piping during machining

※Provide a lubricater in the piping circuit.

\*CE corresponding



## ■ Dimensional Drawings



■ **Dimensions** ※The dimensions of a/b marked are the size of LV-3(Lock-valve).

| Dimensions |      | $\phi A$<br>(h7) | $\phi B$ | $\phi C$<br>(h7) | $\phi D$ | E   | F  | G     | H  | J   | K  | $\phi L$<br>( $\pm 0.2$ ) | $\phi M$ | N max. | N min. | O max. | O min. | P  | Q  | R   |
|------------|------|------------------|----------|------------------|----------|-----|----|-------|----|-----|----|---------------------------|----------|--------|--------|--------|--------|----|----|-----|
| Model      |      |                  |          |                  |          |     |    |       |    |     |    |                           |          |        |        |        |        |    |    |     |
|            | AS04 | 148              | 110      | 20               | —        | 90  | 15 | 75.5  | 27 | 55  | 23 | 130                       | 9        | 25.5   | 22.9   | 9.75   | 6.75   | —  | —  | 43  |
|            | AS06 | 203              | 165      | 25               | 20       | 95  | 15 | 103   | 36 | 72  | 31 | 185                       | 11       | 44.5   | 41.9   | 9.25   | 4.75   | 55 | 18 | 70  |
|            | AS08 | 248              | 210      | 36               | 30       | 106 | 15 | 125.5 | 42 | 95  | 35 | 230                       | 11       | 53     | 49.85  | 14.75  | 8.75   | 68 | 25 | 90  |
|            | AS10 | 300              | 254      | 50               | 43       | 110 | 16 | 147.5 | 46 | 110 | 40 | 280                       | 13       | 66     | 62.85  | 16     | 8.5    | 85 | 30 | 110 |

| Model | Dimensions | S  | T    | U  | V   | a  | b  |
|-------|------------|----|------|----|-----|----|----|
| AS04  |            | 33 | 34   | 14 | M8  | 45 | 55 |
| AS06  |            | 33 | 60.3 | 20 | M10 | 45 | 55 |
| AS08  |            | 33 | 80   | 25 | M10 | 45 | 55 |
| AS10  |            | 33 | 95   | 30 | M12 | 45 | 55 |

## ■ Specifications

※Air Consumption = Under Pressure 0.7MPa Plunger Stroke per 10mm

※Gripping dia./gripping range is with standard soft jaws.

| Specifications |  | Jaw Stroke<br>(diameter)<br>mm | Gripping Force<br>[Pneumatic at 0.7MPa]<br>kN | Net Weight<br>kg | Max. air pressure<br>MPa | Matching<br>Soft top jaw | Gripping range <sub>mm</sub> |      | Air<br>consumption<br>(Nl) |
|----------------|--|--------------------------------|-----------------------------------------------|------------------|--------------------------|--------------------------|------------------------------|------|----------------------------|
| Model          |  |                                |                                               |                  |                          |                          | Max.                         | Min. |                            |
| AS04           |  | 5.2                            | 8.8                                           | 7.3              | 0.7                      | SJ04B1                   | 110                          | 8    | 0.47                       |
| AS06           |  | 5.2                            | 24.5                                          | 16.0             | 0.7                      | SJ06B1                   | 165                          | 26   | 1.21                       |
| AS08           |  | 6.3                            | 38.5                                          | 27.7             | 0.7                      | SJ08B1                   | 210                          | 38   | 2.11                       |
| AS10           |  | 6.3                            | 56                                            | 42.5             | 0.7                      | SJ10A1                   | 254                          | 53   | 2.94                       |