4-Jaw Lever Type Power Operated Chuck with Closed Centre HW series

Steadily grips block, oval, or any irregular shaped works
Self Centring Mechanism (2+2 Jaws)

- **Self Centring Mechanism**
  2 independent Jaw sets give Dual Action clamping allowing irregular shapes to be easily gripped. Consequently, it is the best to chuck a deformed work such as a square shape and elliptical shape.

- **Long Stroke**
  Long Jaw Stroke ensures components with variation are gripped securely.
  *CE correspondence

### Dimensional Drawings

### Specifications

| Model | A | B | C (HS) | D | E | F | G | H | J | K | L | M (min) | M (max) | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | A1 | B1 | C1 |
| HW-0B | 20 | 91 | 76 | 6 | 33 | 4 | M12 | 20 | 31 | 28 | 105 | 63 | 88 | 22 | 90 | 42 | 76 | 95 | 79 | 17 | 86 | 49 | 34 | 90 | M14X2 | M16 | 45 | 38 | 20 | 12 | 16 | 6 |
| HW-10 | 270 | 105 | 83 | 50 | 20 | 170 | 170 | 4 | M16 | 24 | 40 | 31 | 18 | 31 | 8 | 9 | 3 | 8 | 20 | 20 | 106 | 38 | 45 | 42 | 1 | M18X2 | M20 | 55 | 60 | 45 | 38 | 16 | 6 |
| HW-12 | 304 | 110 | 90 | 55 | 20 | 170 | 200 | 4 | M16 | 24 | 40 | 31 | 18 | 31 | 8 | 9 | 3 | 8 | 20 | 20 | 106 | 38 | 45 | 42 | 1 | M18X2 | M20 | 55 | 60 | 45 | 38 | 16 | 6 |
| HW-15 | 387 | 125 | 105 | 70 | 23 | 186 | 286 | 4 | M20 | 50 | 50 | 55 | 18 | 18 | 8 | 9 | 3 | 8 | 20 | 20 | 106 | 38 | 45 | 42 | 1 | M22X2 | M25X2 | 50 | 55 | 45 | 38 | 15 | 6 |

- *In chuck total both maximum allowable input value and static gripping force value are double on the above list.
- *The movement order of jaw cannot be assigned in combination with YW cylinder. (Contact to Kitagawa when assignment is required.)

**Gripping Example**

**Gripping Characteristic Graphs**

With standard blank soft tool jaw.

- **Total gripping force (kg)**
- **Speed (min-1)**