※ Bore Sizes ø20, 25, 40 mm
※ This gripper is designed compactly in light weight and high force.
※ Unlike angular grippers, the jaws are not positioned rotary but parallel.
※ The housing: special hard-coated maintenance free.
※ Auto switch with indicator lamp.




## How to order

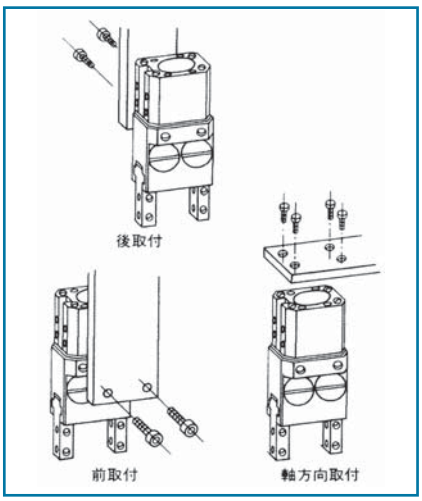
CH - 20 PS 1

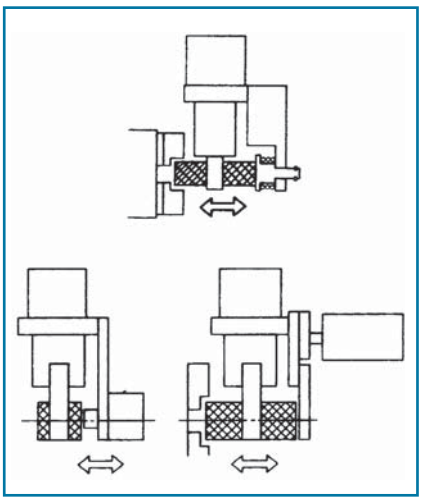
- PS: Auto switch type
- 1: Number of auto switch

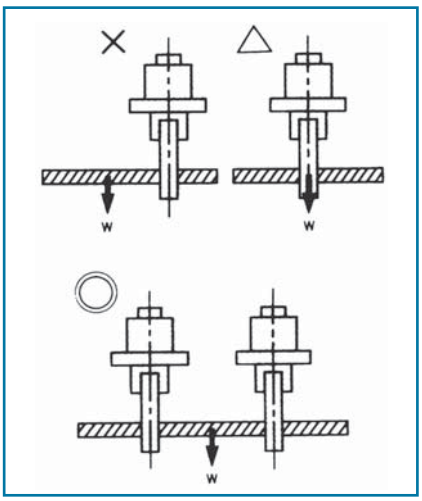
## Specifications

| Model | CH-20 | CH-25 | CH-40 |
|---|---|---|---|
| Stroke mm (dia.) | 16 | 26 | 41 |
| Cylinder bore(mm) | 20 | 25 | 40 |
| Fluid | Air | | |
| Operating pressure MPa | 0.3~0.7 | | |
| Ambient and fluid temperature °C (F°) | -10~60 (14 to 140) | | |
| Lubrication | No Lubrication | | |
| Action | Double acting | | |
| Weight (kg) | 0.26 | 0.57 | 1.42 |

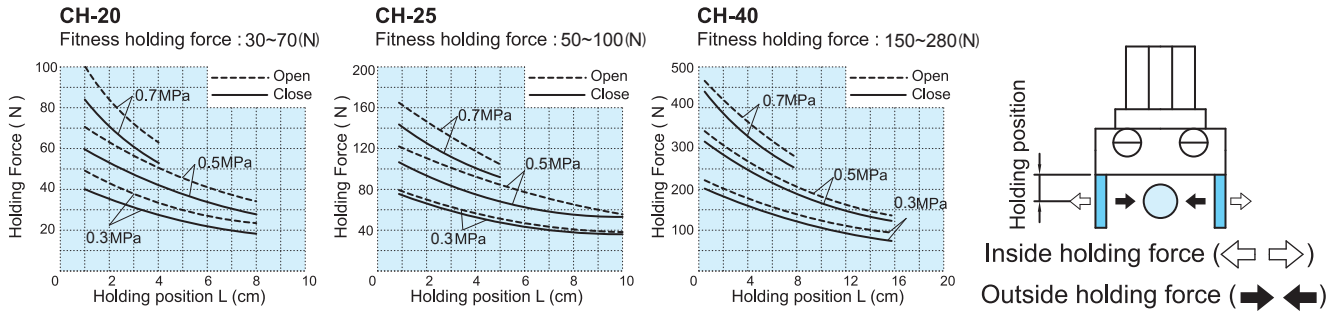
* Maintenance: Re-Lubrication after appr. 1.5 million cycles recommended



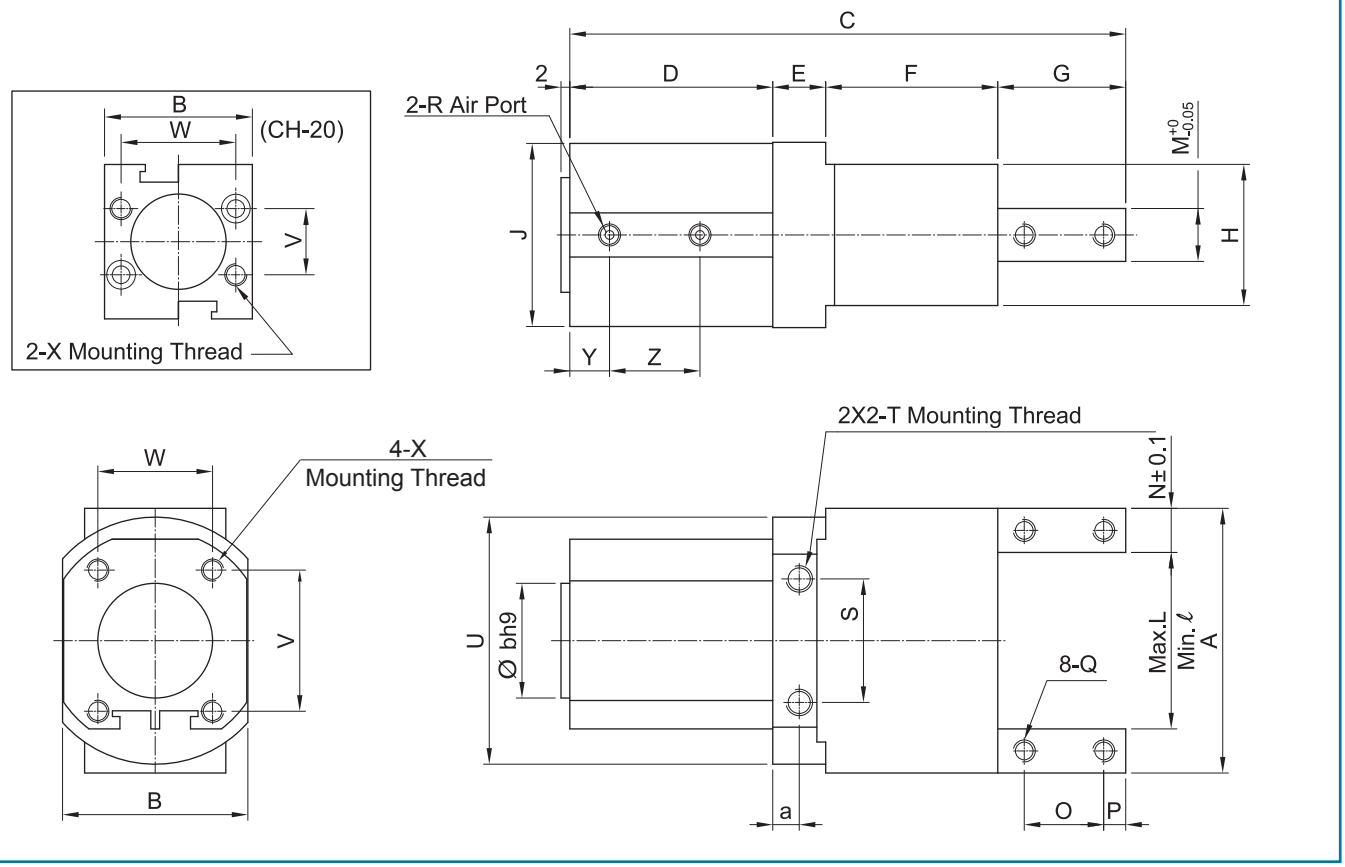





## Gripping force diagramsu This markusymbol:Be recommended gripping force range.




*With reference to the holding force, under the condition must be considered.
*Condition: Friction coefficient, great acceleration impact is expected during work pice rotate.
*It recommend: select a type of arithmetic holding force that can produce 10 to 20 times for work pice weight.




| Model | A | B | C | D | E | F | G | H | J | L | ℓ | M | N | O | P | QQ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CH-20 | 40 | 33.5 | 97 | 36 | 10 | 29 | 22 | 26 | 35.5 | 24 | 8 | 10 | 8 | 12 | 4 | M4x0.7 |
| CH-25 | 60 | 42 | 126 | 46 | 12 | 39 | 29 | 32 | 41.5 | 40 | 14 | 12 | 10 | 18 | 5 | M5x0.8 |
| CH-40 | 92 | 60 | 167 | 57 | 15 | 58 | 37 | 38 | 59 | 68 | 27 | 14 | 12 | 20 | 7 | M6x1.0 |

| Model | R | S | T | U | V | W | X | Y | Z | a | b |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CH-20 | M5x0.8 | 24 | M5x0.8 DP12 | Ø40 | 15 | 26 | M5x0.8 DP10 | 9 | 20.5 | 5 | 22 |
| CH-25 | M5x0.8 | 28 | M6x1.0 DP14 | Ø56 | 32 | 26 | M5x0.8 DP12 | 11 | 28.5 | 6 | 26 |
| CH-40 | Rc 1/8" | 42 | M8x1.25 DP14 | Ø82 | 44 | 34 | M6x1.0 DP15 | 12 | 35 | 8 | 42 |