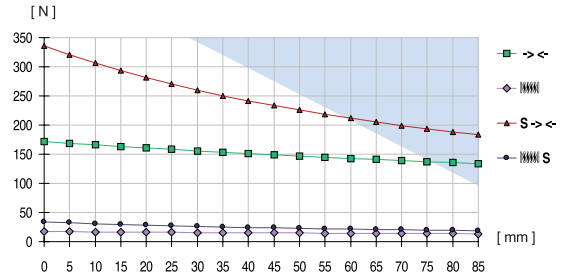


# Parallel gripper with sealed square guide

Advantages, benefits, comparisons and tips! Stacks of information all about this product are on page 47.

## Gripping force as a function of jaw length



Colored area: increased wear and tear to be expected

| Order no.:   |         |           |            |  |
|--|---------|-----------|------------|--|
| GP224  | GP224 S | GP224 /99 | GP224 S/99 |  |
| Drive:   |         |           |            |  |
| pneum.   | pneum.  | pneum.    | pneum.     |  |
| Stroke per jaw [mm]:                                       |         |           |            |  |
| 12   | 6       | 12        | 6          |  |
| Gripping force in closing and opening [N]:                 |         |           |            |  |
| -  | -       | 160       | 335        |  |
| Gripping force in closing [N]:                             |         |           |            |  |
| 170  | 335     | -         | -          |  |
| Self-locking via:  |         |           |            |  |
| Spring   | Spring  | DSV1/8    | DSV1/8     |  |
| Closing time/opening time [s]:                             |         |           |            |  |
| 0,12   | 0,12    | 0,1       | 0,1        |  |
| Repeatability ± [mm]:                                      |         |           |            |  |
| 0,05   | 0,05    | 0,05      | 0,05       |  |
| Min./max. operating pressure [bar]:                        |         |           |            |  |
| 5 / 8  | 5 / 8   | 5 / 8     | 5 / 8      |  |
| Air volume per cycle [cm³]:                                |         |           |            |  |
| 12   | 12      | 12        | 12         |  |
| Min./max. operating temperature [°C]:                      |         |           |            |  |
| 5 / 80   | 5 / 80  | 5 / 80    | 5 / 80     |  |
| Temp. resistant version up to 150° C [add to part number]: |         |           |            |  |
| T3   | T3      | T3        | T3         |  |
| Piston diameter [mm]:                                      |         |           |            |  |
| 25   | 25      | 25        | 25         |  |
| Weight [kg]:   |         |           |            |  |
| 0,3  | 0,3     | 0,3       | 0,3        |  |

All data measured at 6 bar.

See Page 47 for Accessory list.

