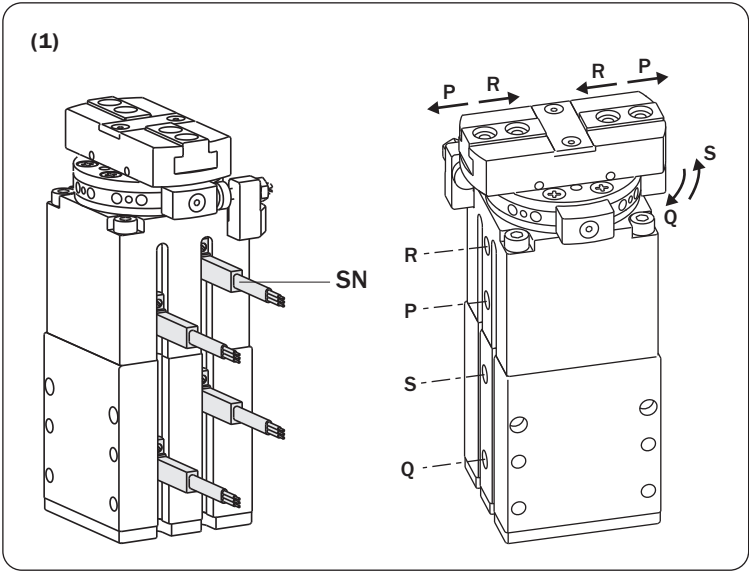


Pinza parallela pneumatica integrata con rotatore

- Adatti per rotazioni di 45°/90°/135°/180°.
- Pinza e rotary attuttore integrati: i quattro sensori ed i quattro tubi non ruotano (1).
- Sensori magnetici opzionali.
- Disponibile su richiesta anche con molla in chiusura (-NC) o in apertura (-NO).

Pneumatic parallel gripper with rotary actuator

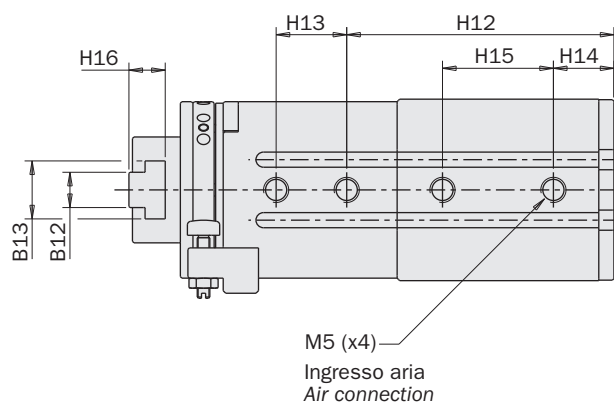
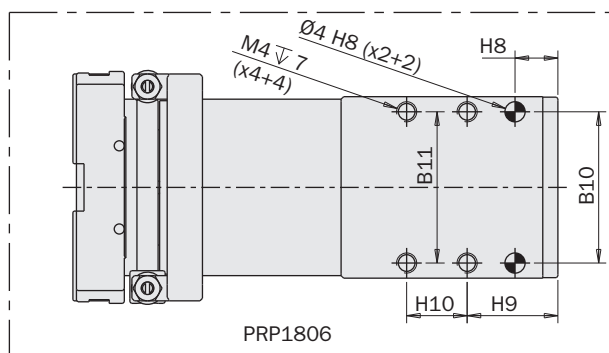
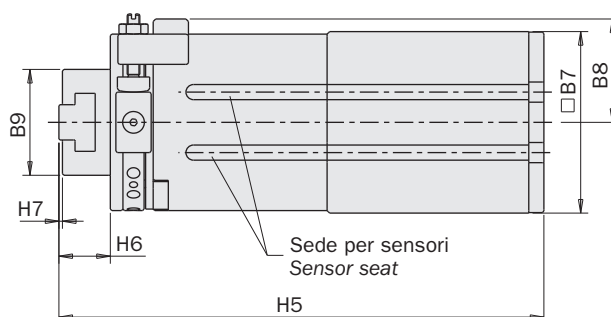
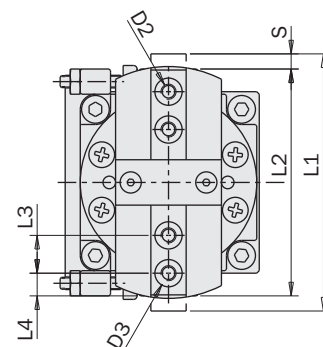
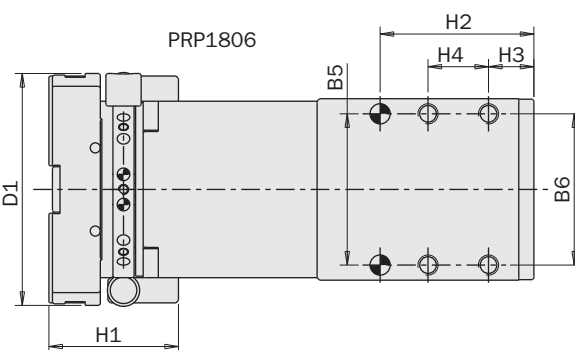
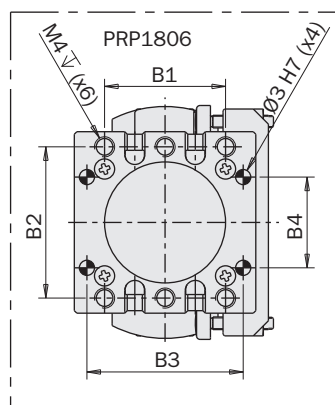
- Suitable for 45°/90°/135°/180° rotation angles.
- Gripper with integrated rotary actuator: the four sensors and the four hoses do not rotate (1).
- Optional magnetic sensors.
- Normally Closed (-NC) or normally open (-NO) option available upon request.



NEW

|                                                                                                  | PRP1806                                                                                                        |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Fluido<br>Medium                                                                                 | Aria compressa filtrata, lubrificata / non lubrificata<br>Filtered, lubricated / non lubricated compressed air |
| Pressione di esercizio<br>Operating pressure                                                     | 3 ÷ 8 bar                                                                                                      |
| Temperatura di esercizio<br>Operating temperature                                                | 5° ÷ 60°C.                                                                                                     |
| Forza di serraggio per griffa in apertura a 6 bar<br>Opening gripping force on each jaw at 6 bar | 68 N                                                                                                           |
| Forza di serraggio totale in apertura a 6 bar<br>Total opening gripping force at 6 bar           | 136 N                                                                                                          |
| Forza di serraggio per griffa in chiusura a 6 bar<br>Closing gripping force on each jaw at 6 bar | 60 N                                                                                                           |
| Forza di serraggio totale in chiusura a 6 bar<br>Closing total gripping force at 6 bar           | 120 N                                                                                                          |
| Corsa totale pinza (±0.3 mm)<br>Gripper total stroke                                             | 6 mm                                                                                                           |
| Consumo d'aria per ciclo pinza<br>Air consumption per gripper cycle                              | 3 cm³                                                                                                          |
| Tempo minimo di chiusura / apertura pinza<br>Minimum gripper closing / opening timer             | 0.02 s                                                                                                         |
| Coppia di rotazione teorica a 6 bar<br>Theoretical torque at 6 bar                               | 85 Ncm                                                                                                         |
| Corsa angolare massima<br>Maximum angular angle                                                  | 180°                                                                                                           |
| Consumo d'aria per ciclo rotary attuttore<br>Air consumption per rotary actuator cycle           | 13 cm³                                                                                                         |
| Tempo minimo per rotazione di 180°<br>Minimum time for 180° rotation                             | 0.20 s                                                                                                         |
| Peso<br>Weight                                                                                   | 320 g                                                                                                          |

**Dimensioni (mm)**  
**Dimensions (mm)**



|     |       | PRP1806 |
|-----|-------|---------|
| B1  |       | 24      |
| B2  |       | 30      |
| B3  | ±0.02 | 31      |
| B4  | ±0.02 | 18      |
| B5  | ±0.02 | 30      |
| B6  |       | 30      |
| B7  |       | 36      |
| B8  |       | 20.5    |
| B9  |       | 21      |
| B10 | ±0.02 | 30      |
| B11 |       | 30      |
| B12 |       | 7       |
| B13 |       | 11.5    |
| D1  |       | Ø46     |
| D2  |       | M3 P4.7 |
| D3  | H8    | Ø5      |
| H1  |       | 25.7    |
| H2  | ±0.05 | 30.5    |
| H3  |       | 9       |
| H4  |       | 12      |
| H5  |       | 96      |
| H6  |       | 10.2    |
| H7  |       | 0.7     |
| H8  | ±0.05 | 8.5     |
| H9  |       | 18      |
| H10 |       | 12      |
| H11 | ±0.02 | -       |
| H12 |       | 53      |
| H13 |       | 14      |
| H14 |       | 12      |
| H15 |       | 22      |
| H16 |       | 7.2     |
| L1  |       | 51      |
| L2  |       | 45      |
| L3  | ±0.02 | 7.5     |
| L4  | ±0.05 | 4.5     |