

Special grippers | Standard

Bernoulli vacuum cups SX-B

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Housing made of anodized aluminum

Product notes

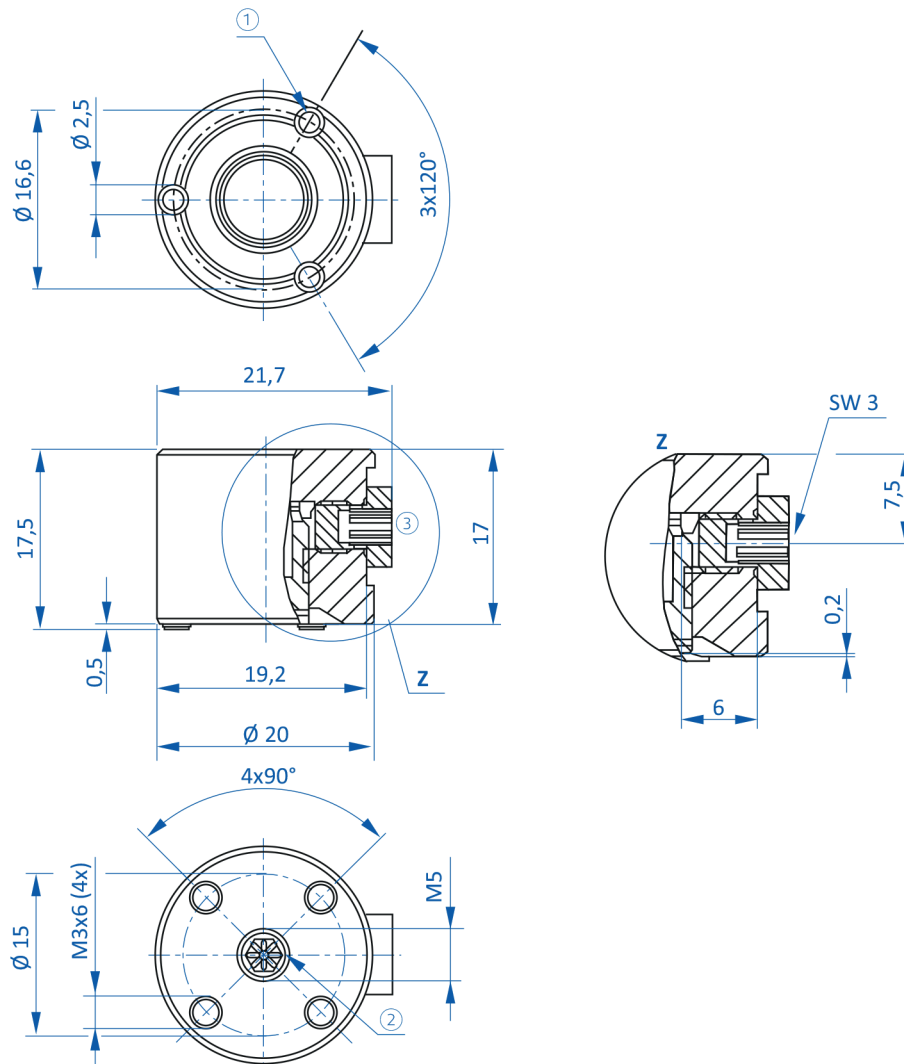
- > Integrated vacuum generation on the Bernoulli principle
- > Non-contact, deformation-resistant transport of thin and sensitive products
- > Suitable for porous products thanks to high volume flow at low vacuum level
- > Easy to install, system flexibly expandable through lateral compressed air inlets
- > Long life cycle due to maintenance-free operation
- > Only operate with unoled, dry compressed air
- > With 65.530 and 65.540, the pads (Thermalon) can be removed for contact-free applications
- > Pads are included in scope of delivery

Technical data

| Item no. | Model | Operating pressure [bar (psi)] | Holding force at 5 bar (72.5 psi) [N] | Air consumption at 5 bar (72.5 psi) [l/min] | Max. particle size [µm] | Ambient air temperature [°C (°F)] | Weight [g] | Suitable spare pads |
|----------|---------|-----------------------------------|--|--|-------------------------|--------------------------------------|------------|---------------------|
| 65.510 | SX-B-20 | 1 - 6 (14.5 - 87) | 2.5 | 96 | 40 | 5 - 60 (41 - 140) | 13 | 78.509 |
| 65.520 | SX-B-30 | 1 - 6 (14.5 - 87) | 4 | 100 | 40 | 5 - 60 (41 - 140) | 31 | 78.509 |
| 65.530 | SX-B-40 | 1 - 6 (14.5 - 87) | 6.5 | 100 | 40 | 5 - 60 (41 - 140) | 52 | 78.511 |
| 65.540 | SX-B-60 | 1 - 6 (14.5 - 87) | 13 | 150 | 40 | 5 - 60 (41 - 140) | 120 | 78.511 |



Dimensions



65.510

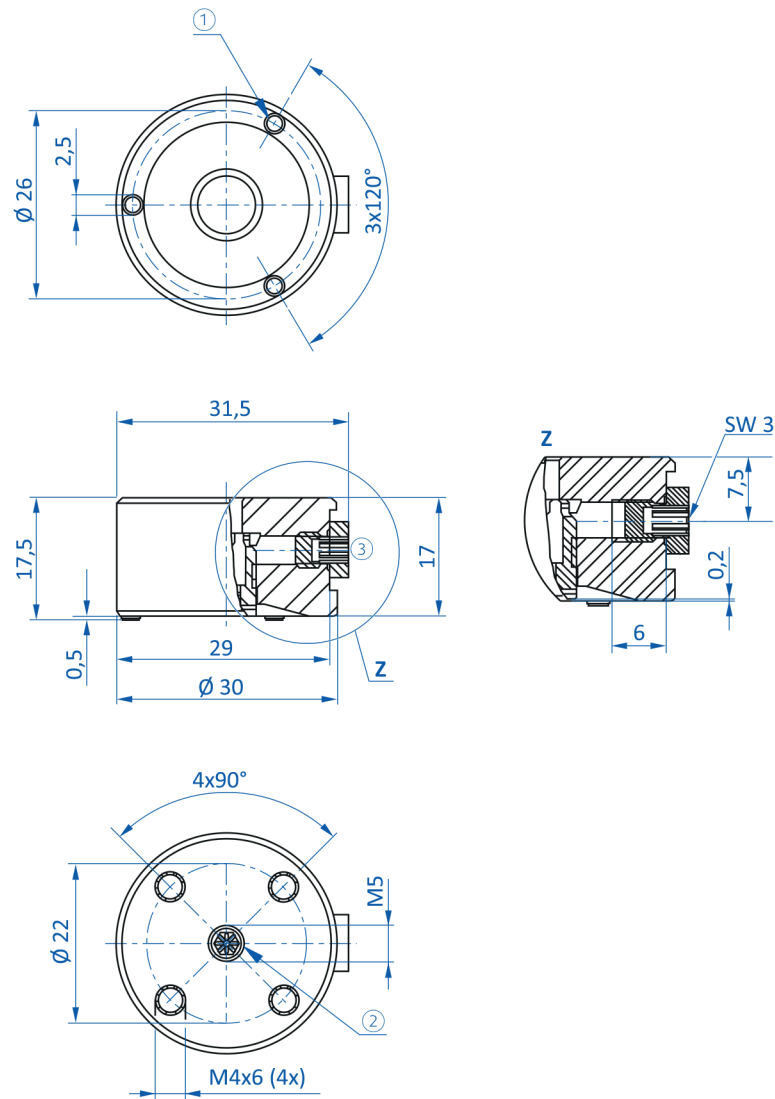
① = Pads ② = Compressed air connection ③ = Alternative compressed air connection



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Dimensions

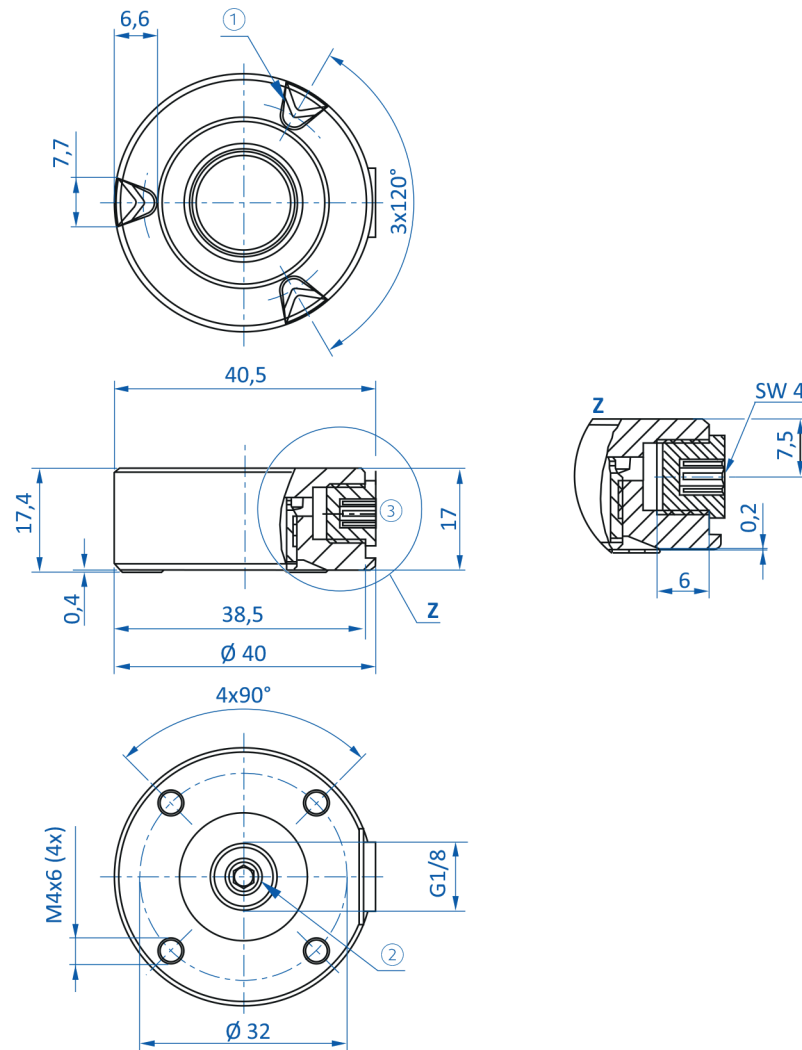


65.520

① = Pads ② = Compressed air connection ③ = Alternative compressed air connection



Dimensions



65.530

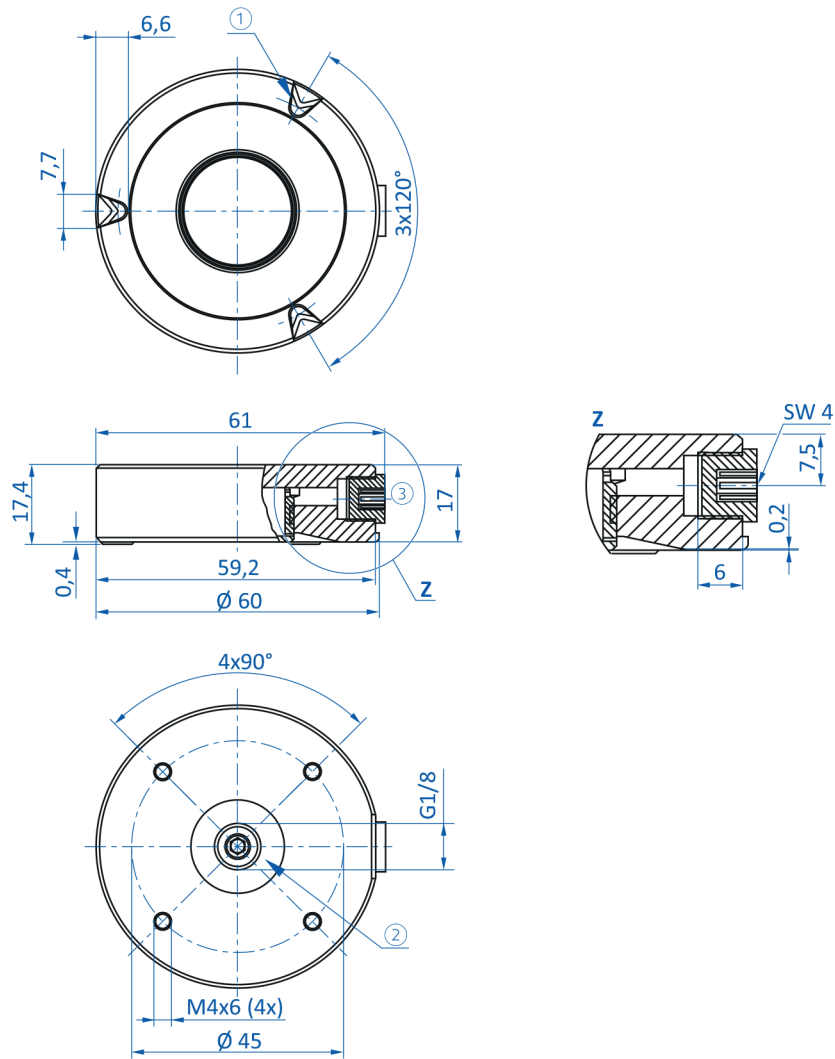
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Dimensions



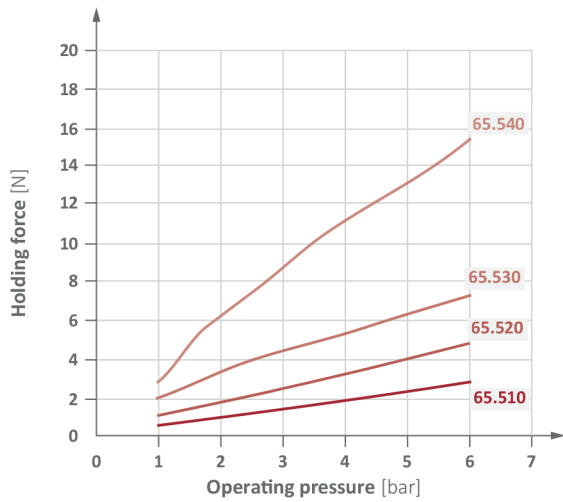
65.540

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Diagrams

> Holding force as a function of operating pressure



> Air consumption as a function of operating pressure

