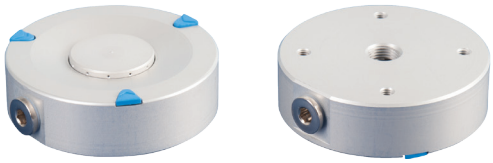
Bernoulli vacuum cups SX-B



Housing made of anodized aluminum

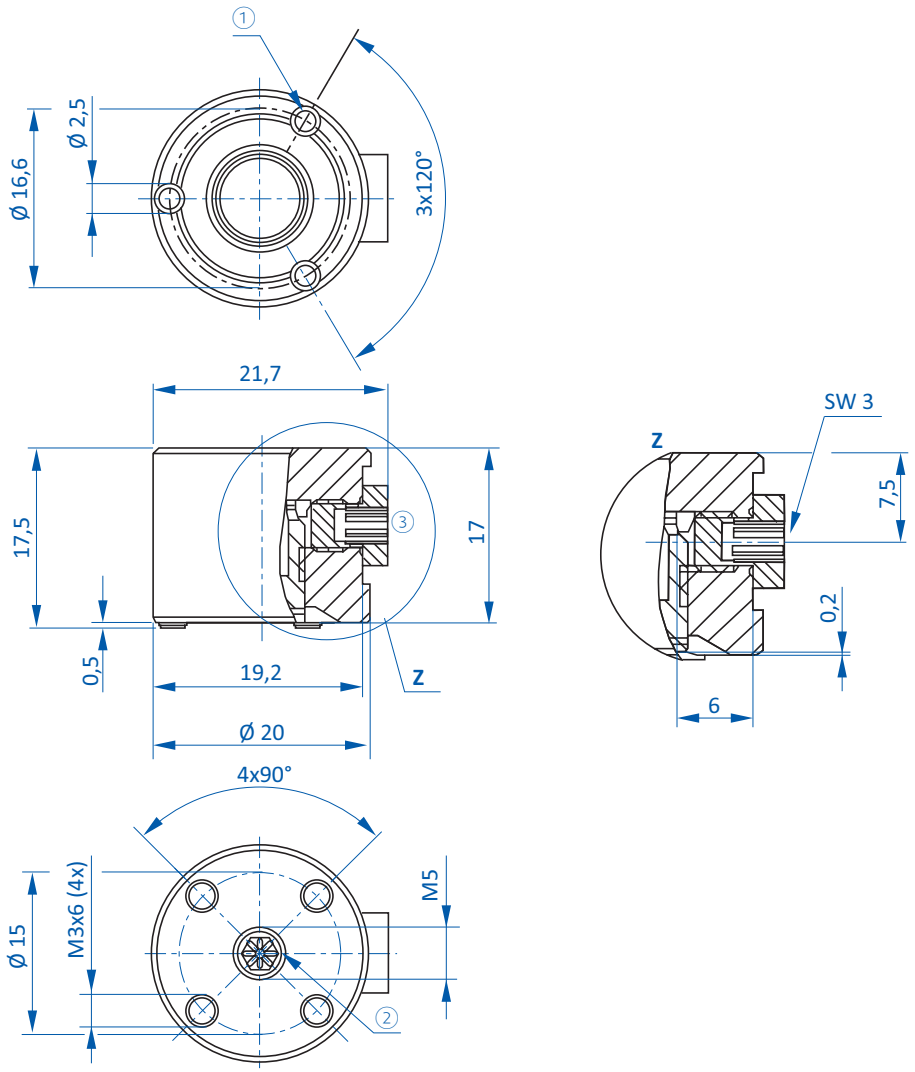
Product notes

> 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 unoiled, 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) [Nl/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

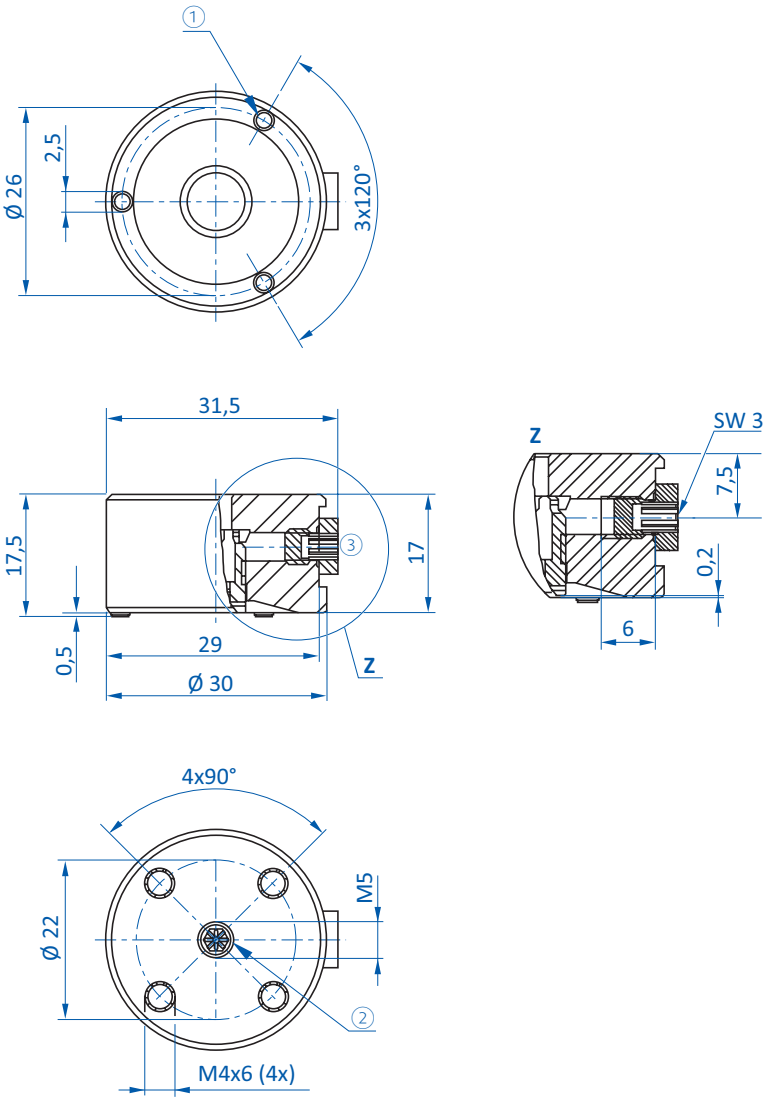
Dimensions



65.510

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

Dimensions



65.520

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

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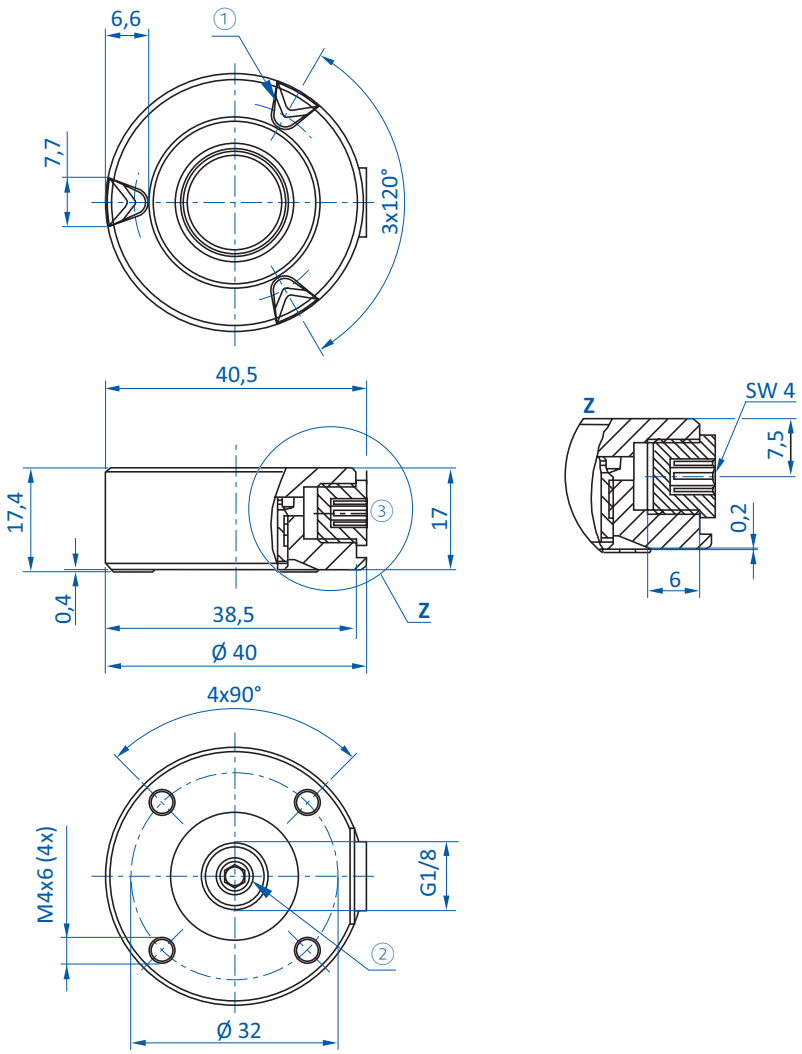
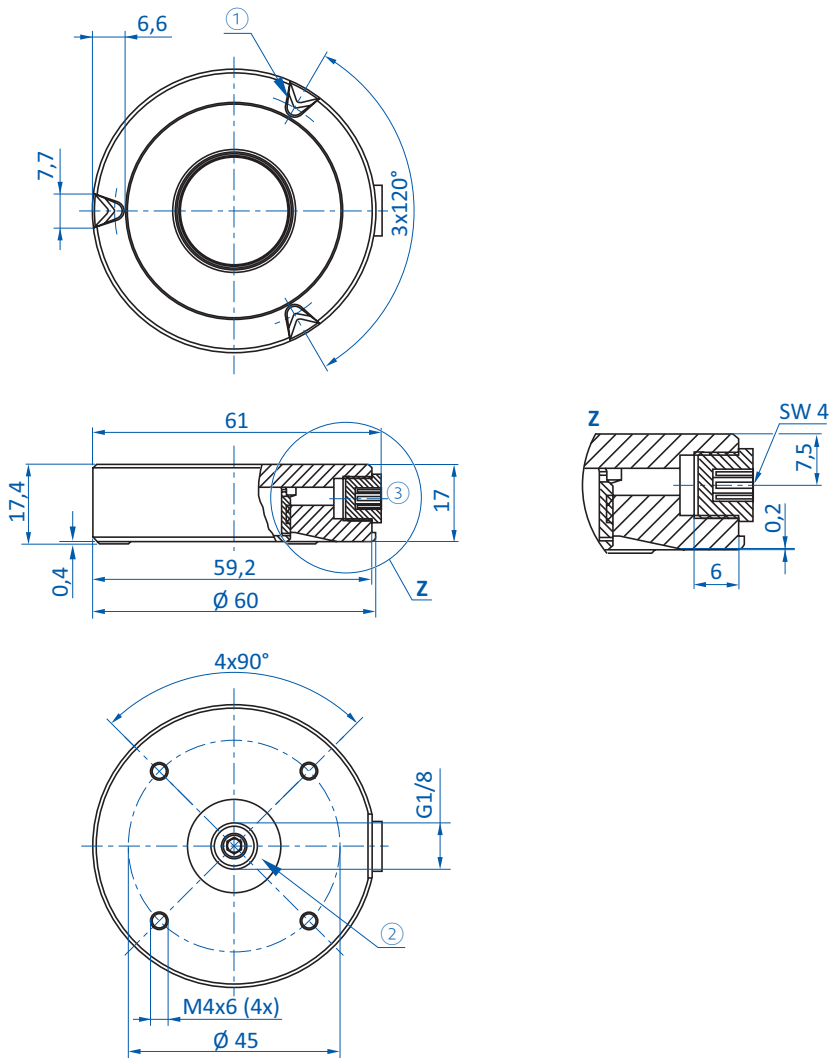


65.530

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

Dimensions

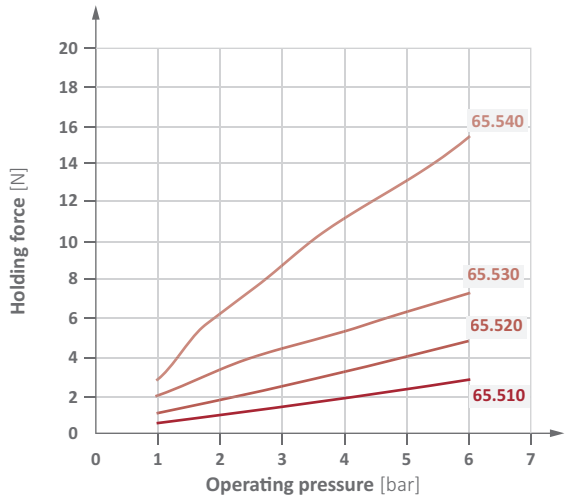


65.540

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

Diagrams

> Holding force as a function of operating pressure



> Air consumption as a function of operating pressure