

Gripper and vacuum technology ▶ Non-contact transport system

Non-contact transport system, Series NCT-PK

▶ F = 2.5 - 12 N ▶ Ø 20 - 60 mm ▶ for the food and beverage industry



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Version	Bernoulli principle
Working pressure min./max.	1 bar / 7 bar
Ambient temperature min./max.	+5 °C / +60 °C
Medium	Compressed air
Max. particle size	40 µm
Oil content of compressed air	0 mg/m³

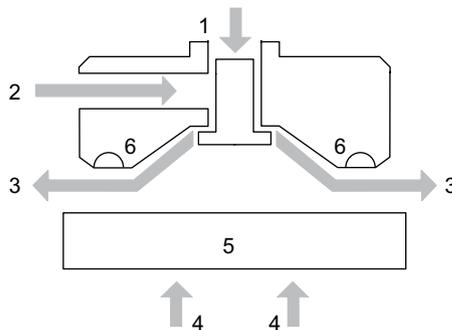
Materials:	
Housing	Polyetheretherketone
Stop	Silicone caoutchouc
Nozzle	Stainless steel
Blanking screw	Polyetheretherketone
Seal	Fluorocaoutchouc

Technical Remarks

- The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C.
- Notice: This product may only be operated with oil-free, dry compressed air.
- Suitable for direct contact with food products (FDA/EC compliant).
- Highly resistant against diverse chemicals used in the food industry.
- Suitable for all conventional CIP (Cleaning-In-Place) and SIP (Sterilization-In-Place) processes.
- Hygienic product design enables quick and easy cleaning.
- Product with laser-etched label.

	Diameter	Lifting force at 5 bar	Air consumption at 5 bar	port pneumatic	Weight	Part No.
	[mm]	[N]	[l/min]		[kg]	
	20	2.5	150	M5	0.01	R412014866
	30	3	150		R412014867	
	40	5.5	150		R412014868	
	60	12	220		R412014869	

Principle of operation



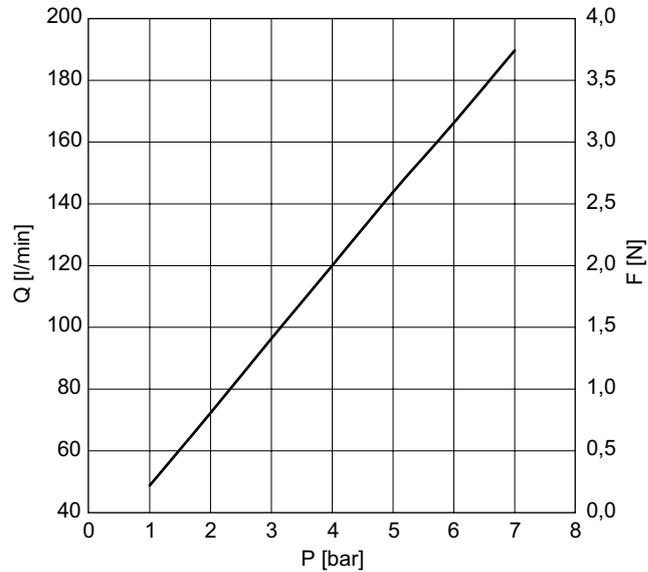
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- 1) Compressed air connection
- 2) Alternative compressed air connection
- 3) Air flow
- 4) Lifting force
- 5) Object
- 6) Stop

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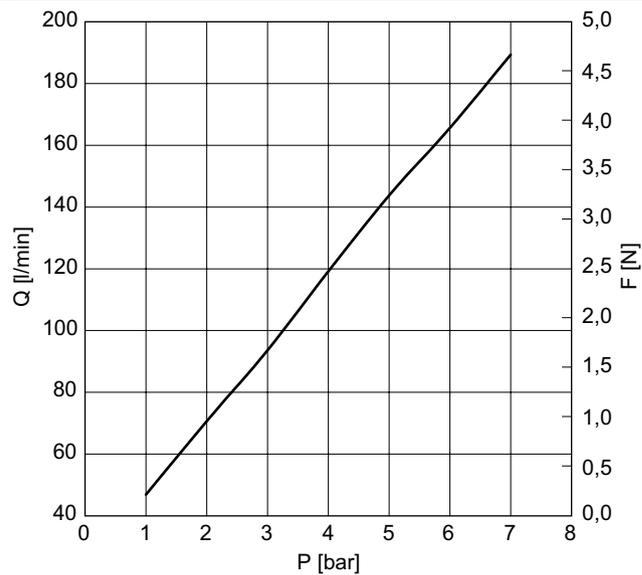
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Lifting force F and air consumption Q depending on working pressure p, Ø 20



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Lifting force F and air consumption Q depending on working pressure p, Ø 30



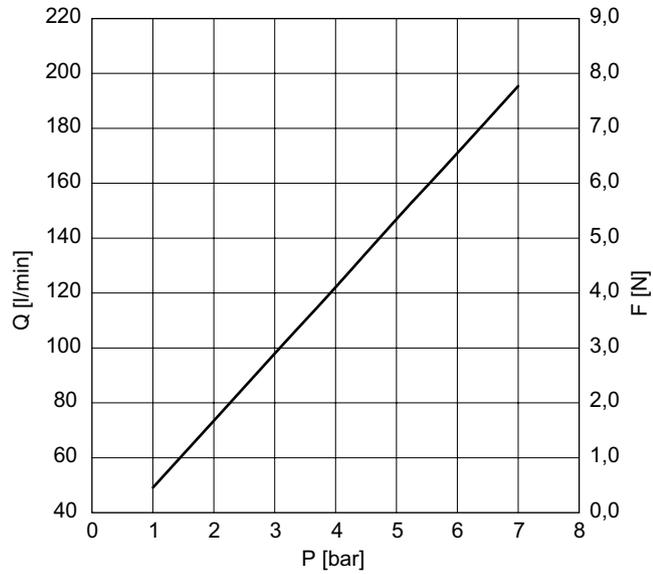
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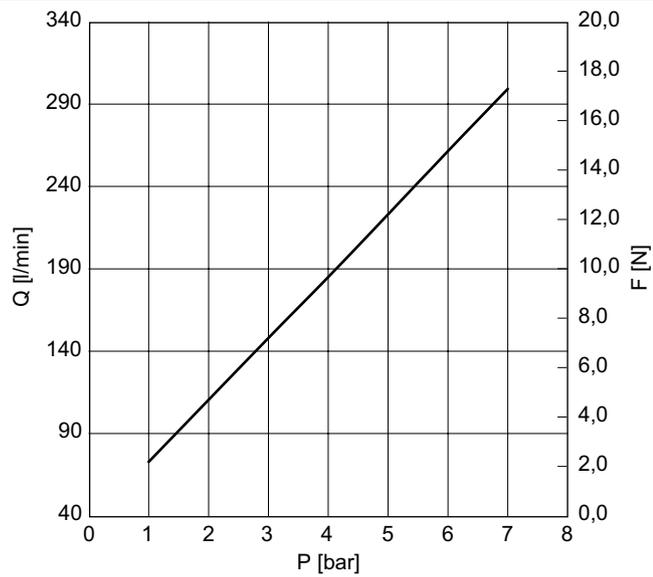
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Lifting force F and air consumption Q depending on working pressure p, Ø 40



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Lifting force F and air consumption Q depending on working pressure p, Ø 60

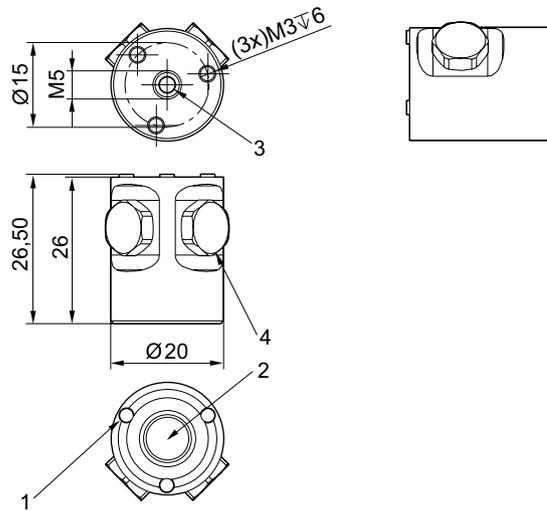


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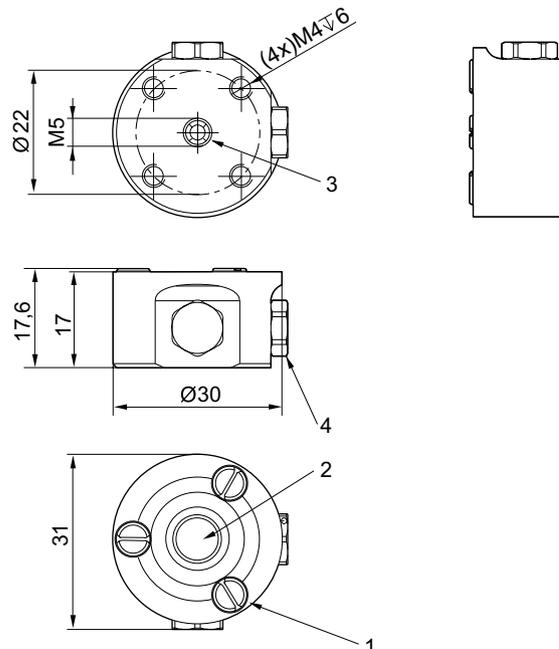
Dimensions, Ø 20



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- 1) Stop
- 2) Nozzle
- 3) Compressed air connection
- 4) Alternative compressed air connection with blanking screw

Dimensions, Ø 30



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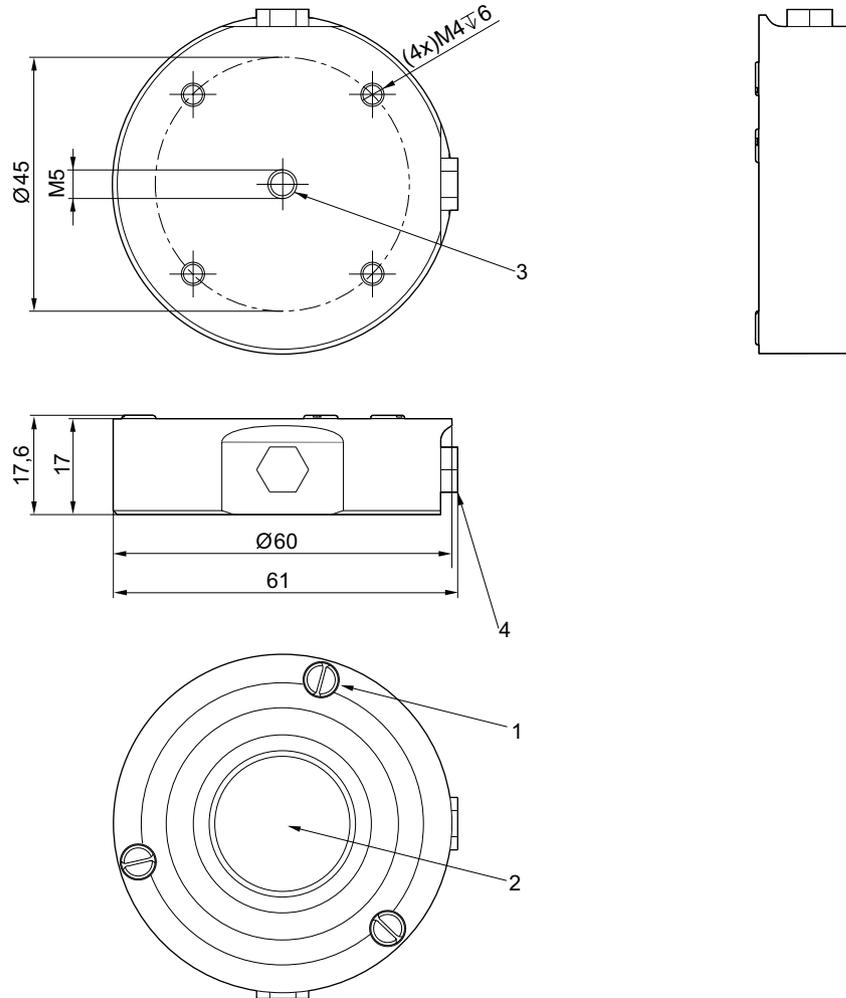
- 1) Stop
- 2) Nozzle
- 3) Compressed air connection
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Dimensions, Ø 40

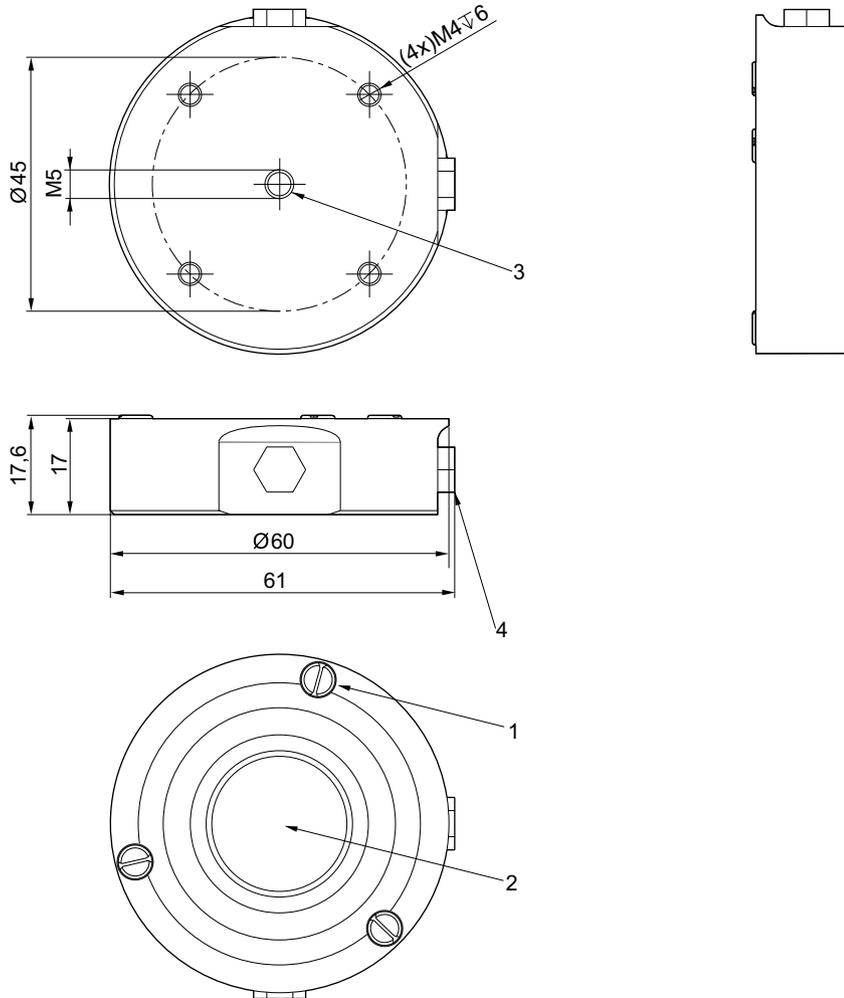


- 1) Stop
- 2) Nozzle
- 3) Compressed air connection
- 4) Alternative compressed air connection with blanking screw

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Dimensions, Ø 60


- 1) Stop
- 2) Nozzle
- 3) Compressed air connection
- 4) Alternative compressed air connection with blanking screw

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