

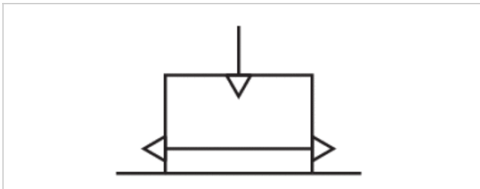
# Non-contact transport system, Series NCT-AL

- F = 2.5-46 N

- Ø 20-100 mm



Type	Bernoulli principle
Working pressure min./max.	1 ... 6 bar
Ambient temperature min./max.	5 ... 60 °C
Medium	Compressed air
Max. particle size	40 µm
Oil content of compressed air	0 mg/m <sup>3</sup>
Weight	See table below



## Technical data

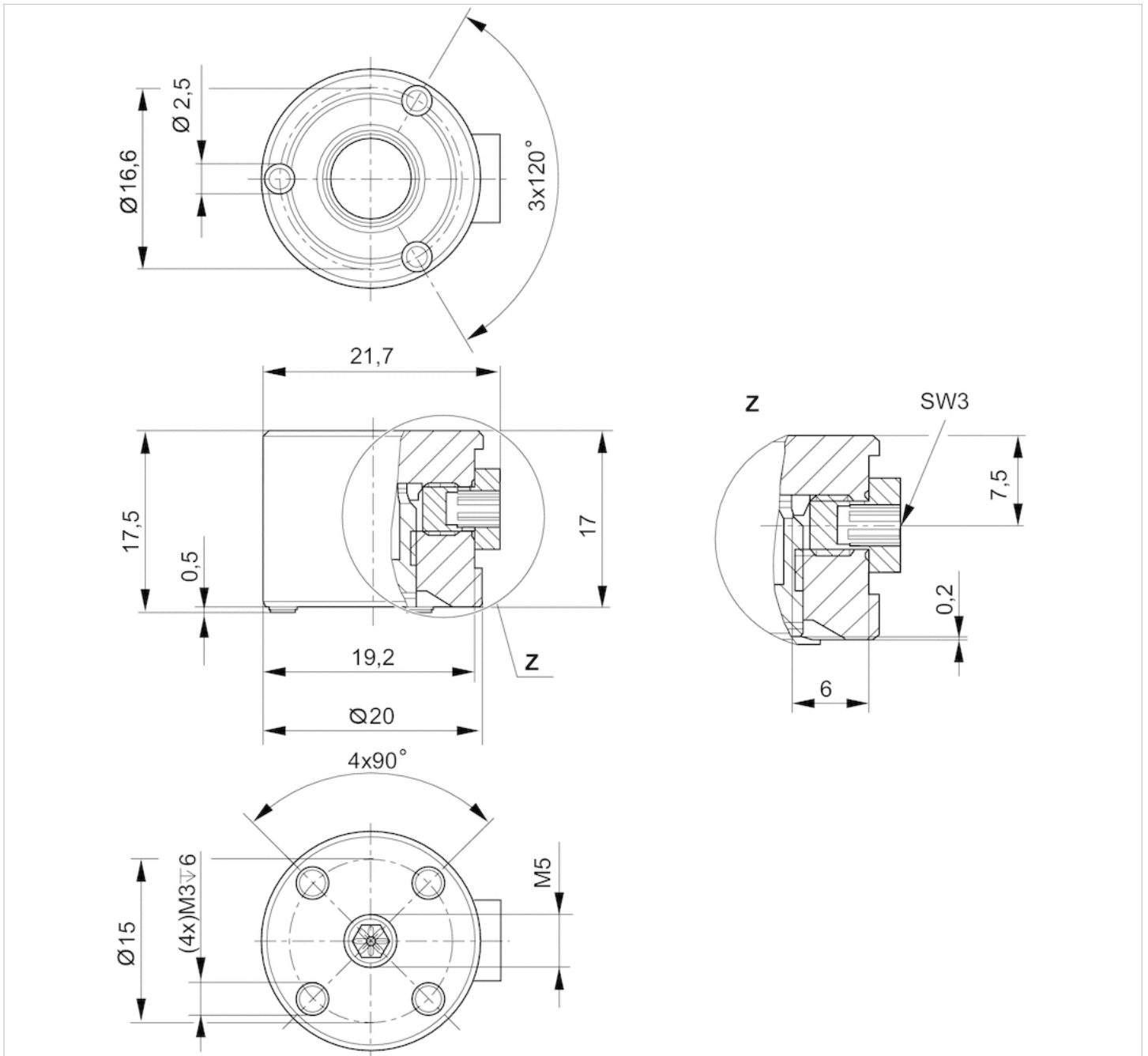
Part No.	Diameter	Lifting force at 5 bar	Air consumption at 5 bar	port pneumatic	Weight
R412010372	20 mm	2,5 N	96 l/min	M5	0,013 kg
R412010373	30 mm	4 N	100 l/min	M5	0,031 kg
R412010374	40 mm	6,5 N	100 l/min	G 1/8	0,052 kg
R412010375	60 mm	13 N	150 l/min	G 1/8	0,12 kg
R412010640	100 mm	46 N	228 l/min	G 1/8	0,3 kg

## Technical information

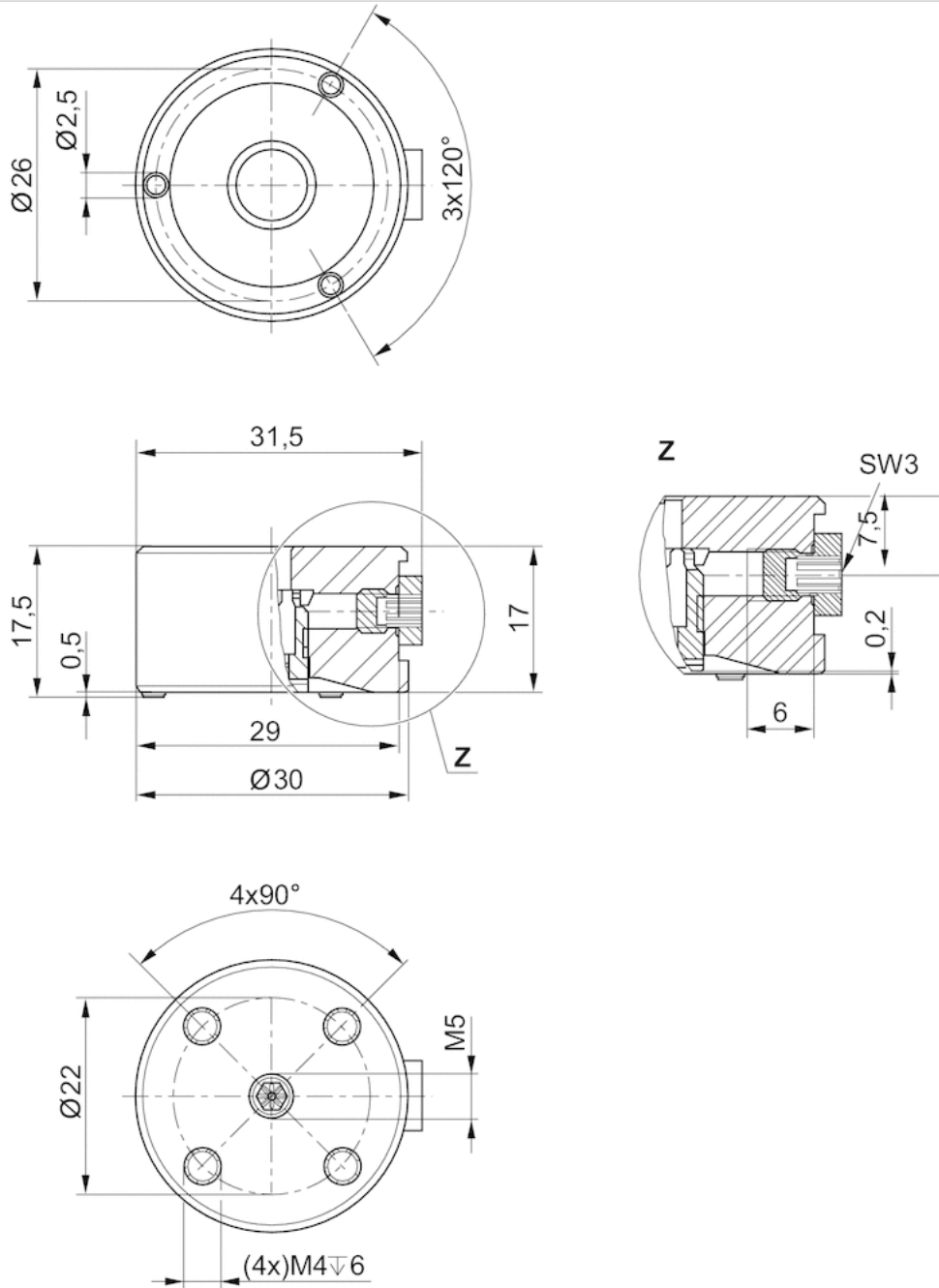
Material	
Housing	Aluminum, anodized
Stop	High-temperature material HT1
Nozzle	Stainless steel
Blanking screw	Brass
Seal	Nitrile butadiene rubber

# Dimensions

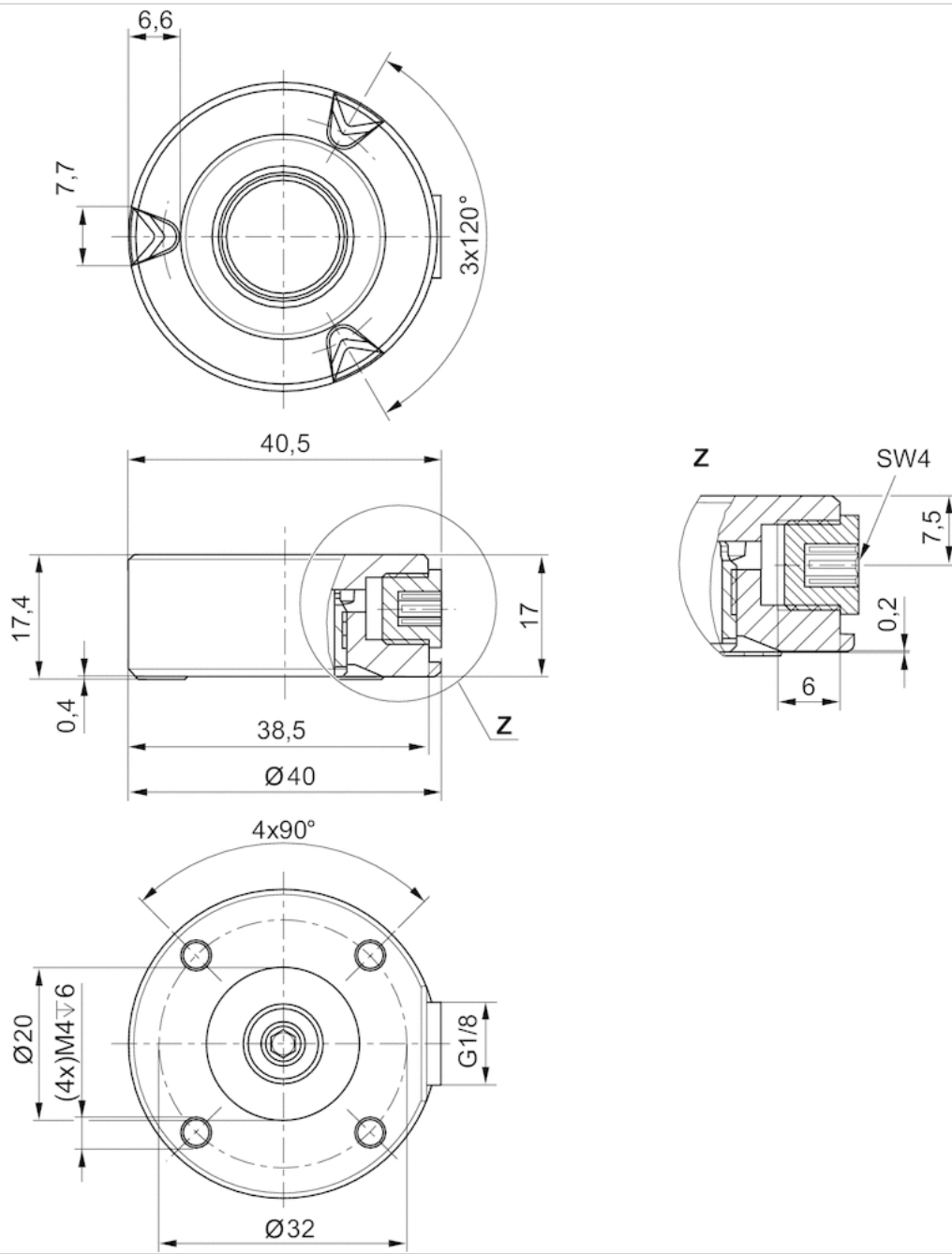
## Dimensions, Ø 20



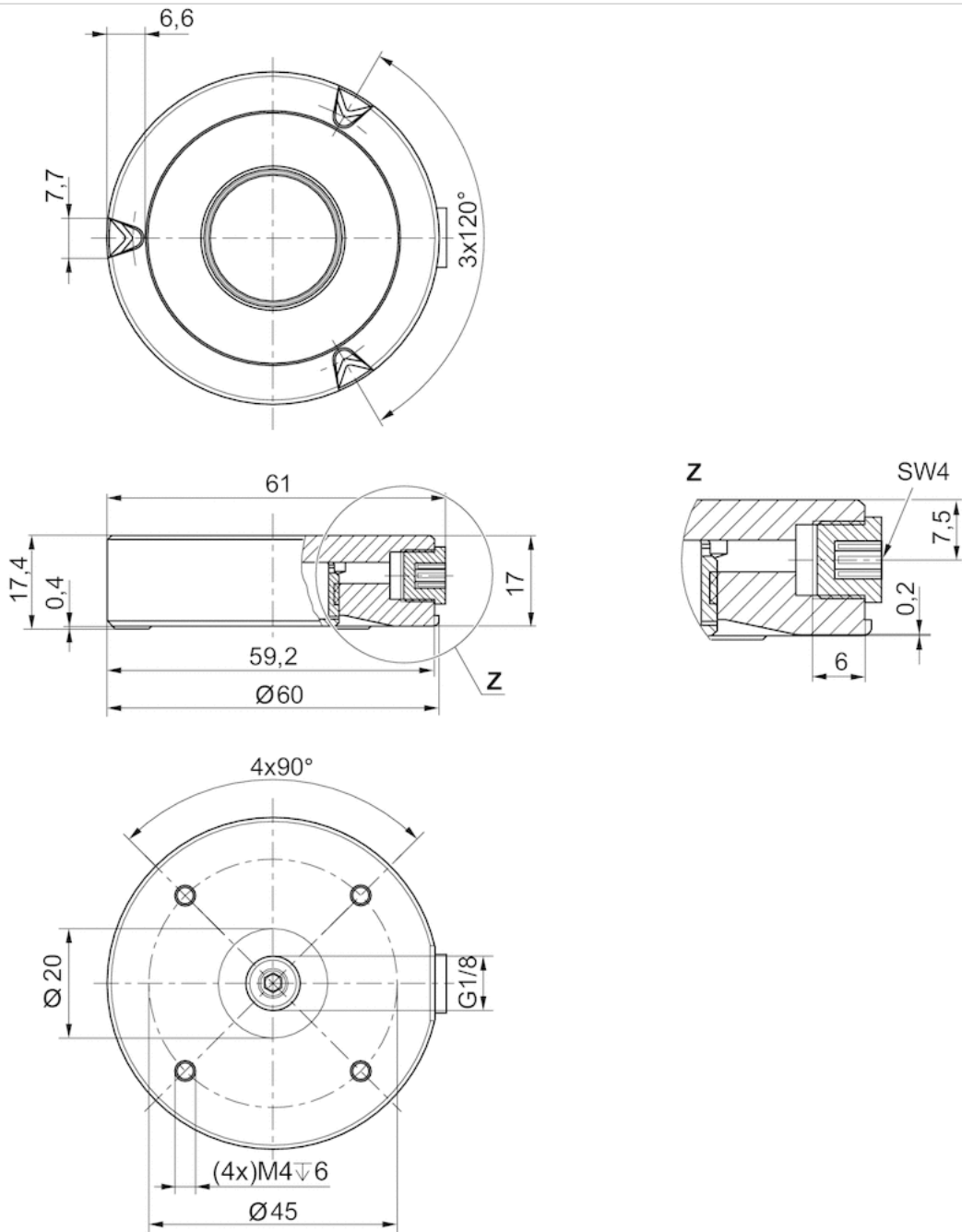
Dimensions, Ø 30



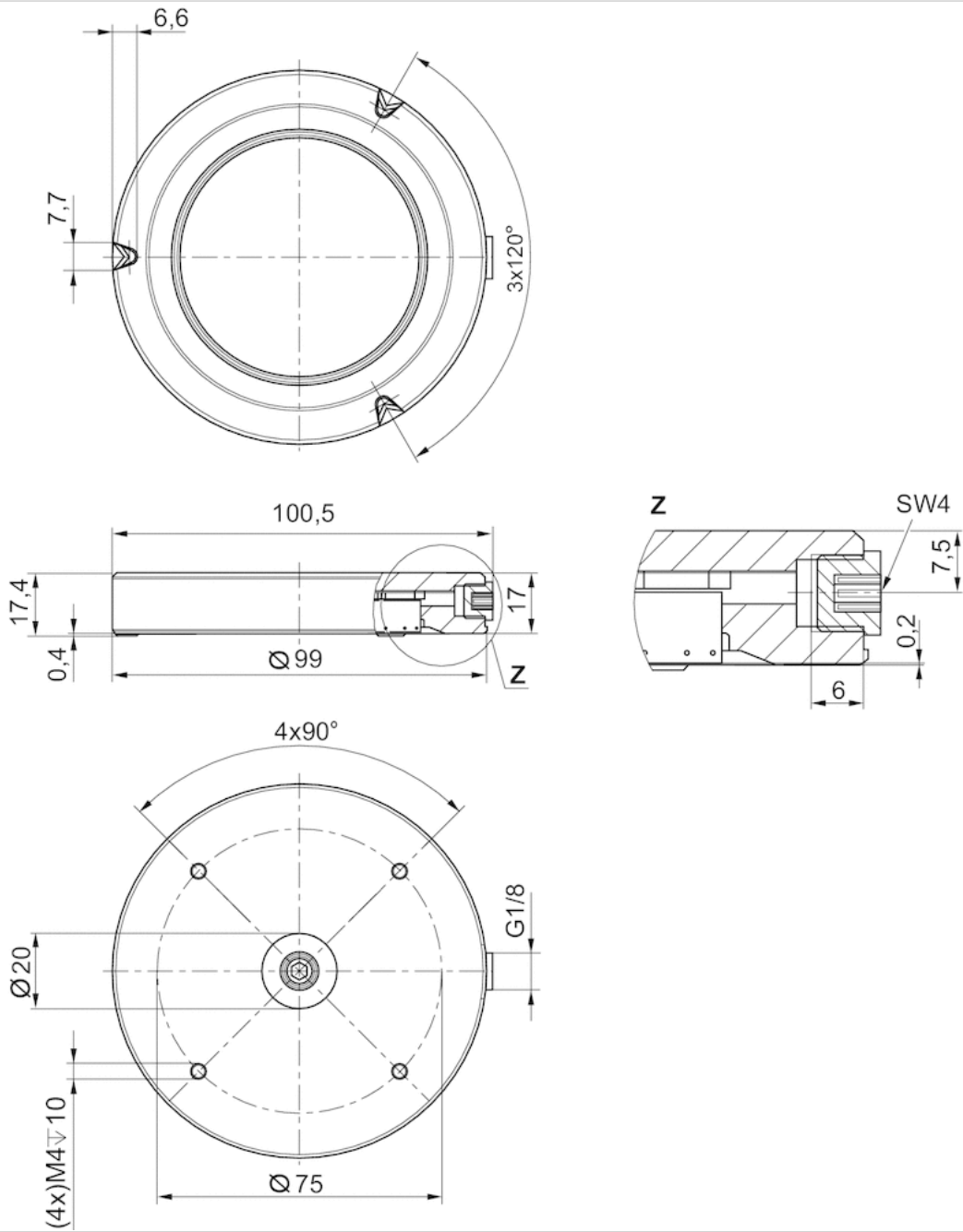
Dimensions, Ø 40



Dimensions, Ø 60

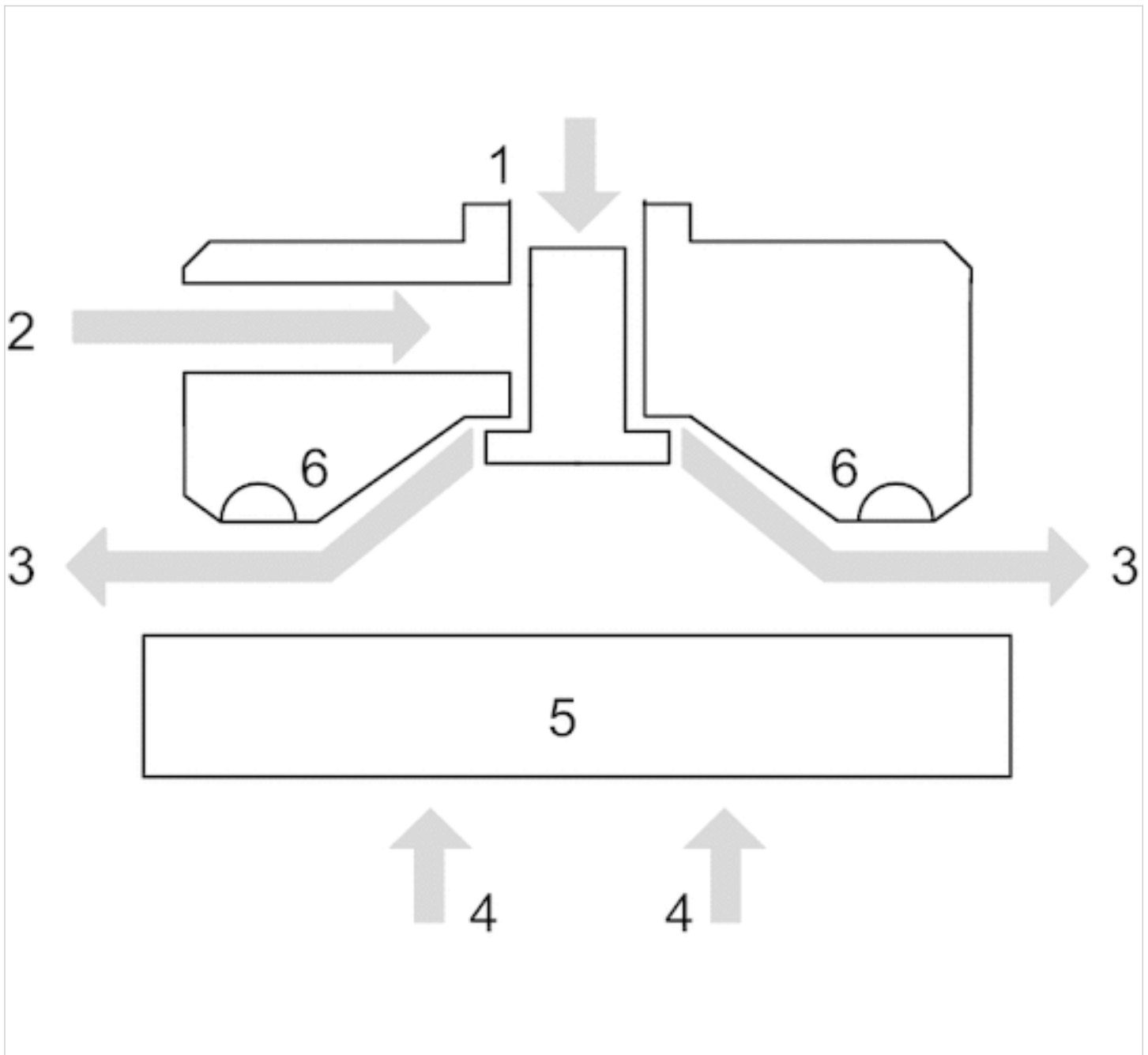


Dimensions, Ø 100

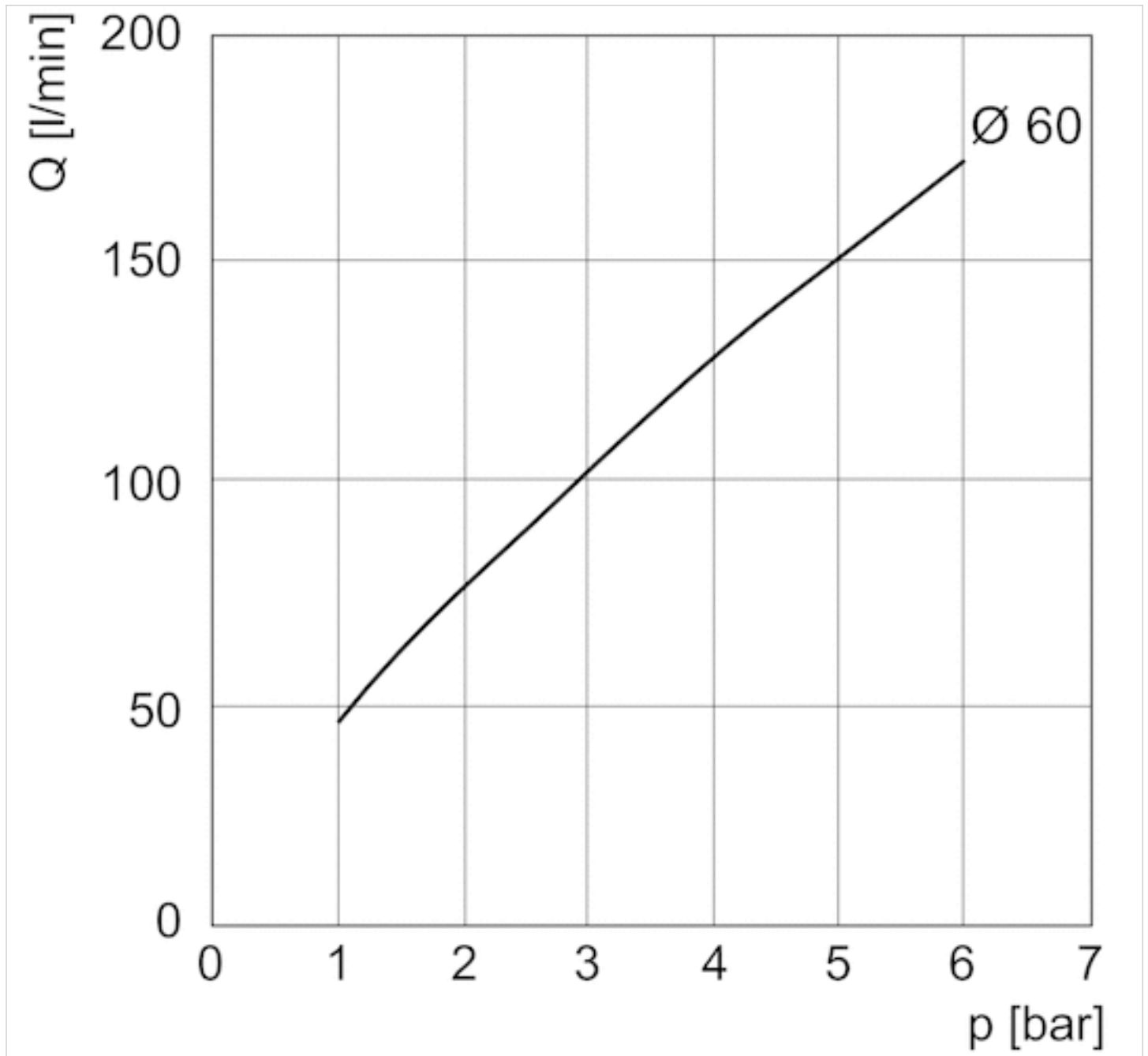


## Diagrams

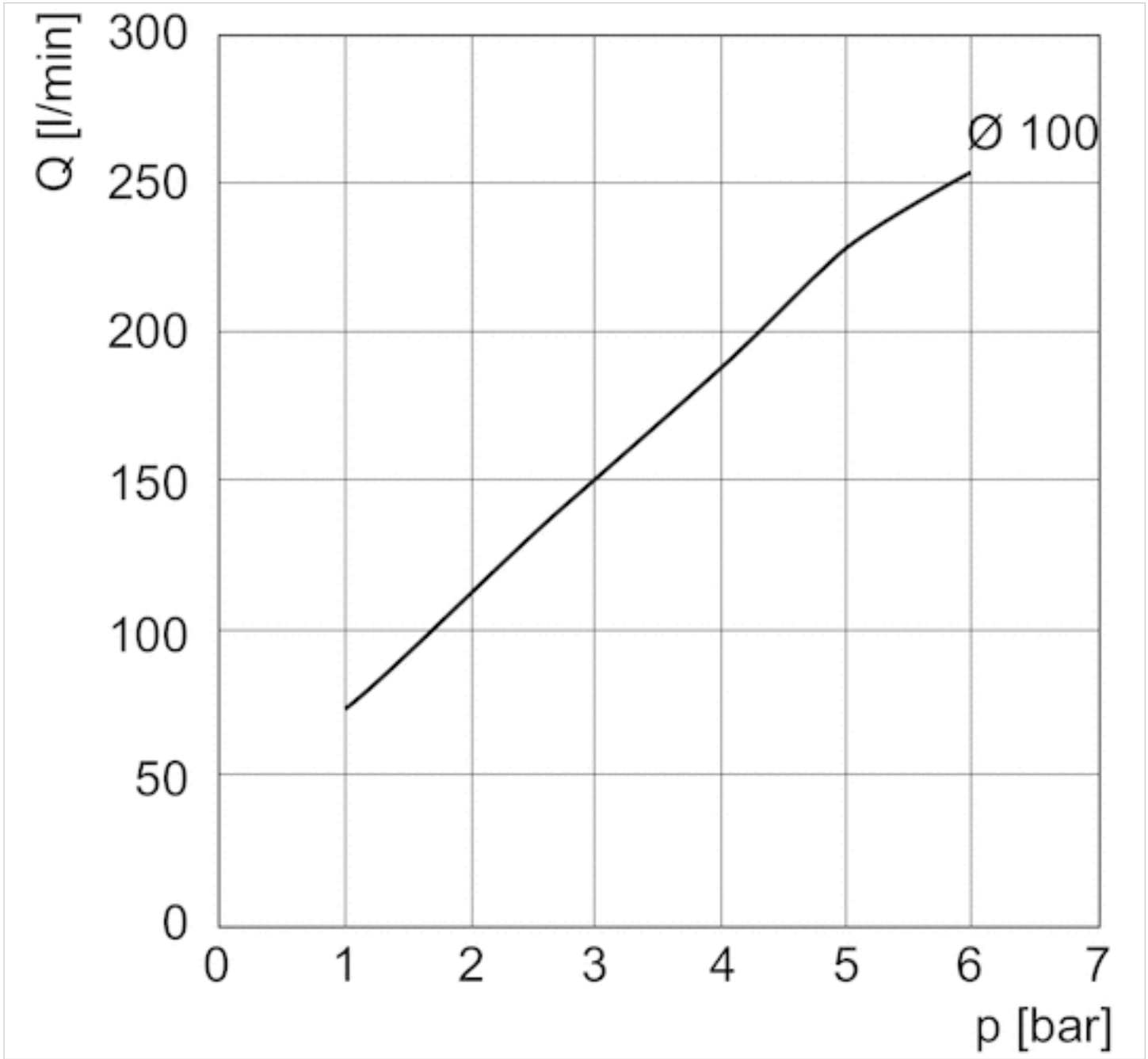
## Principle of operation

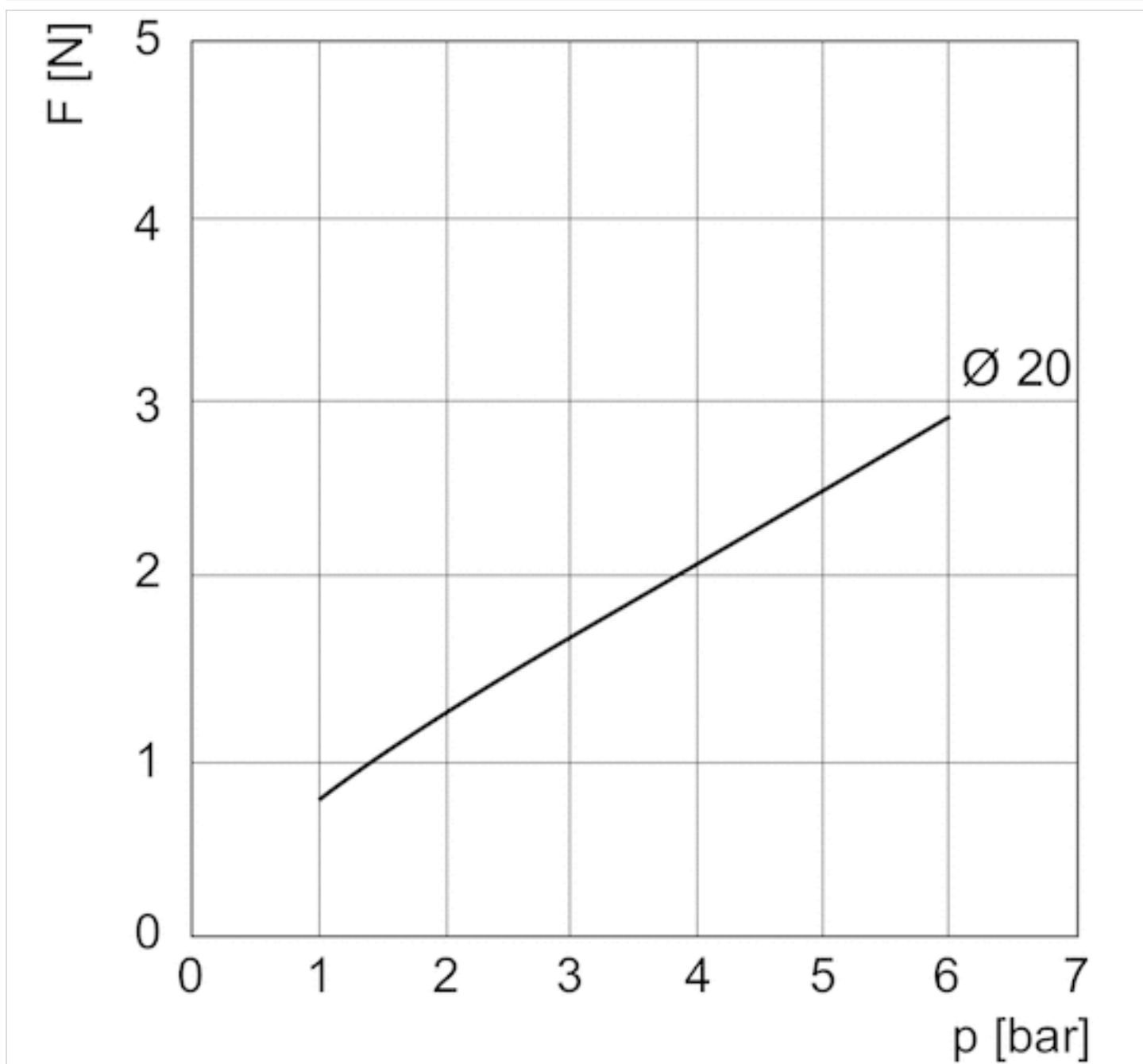


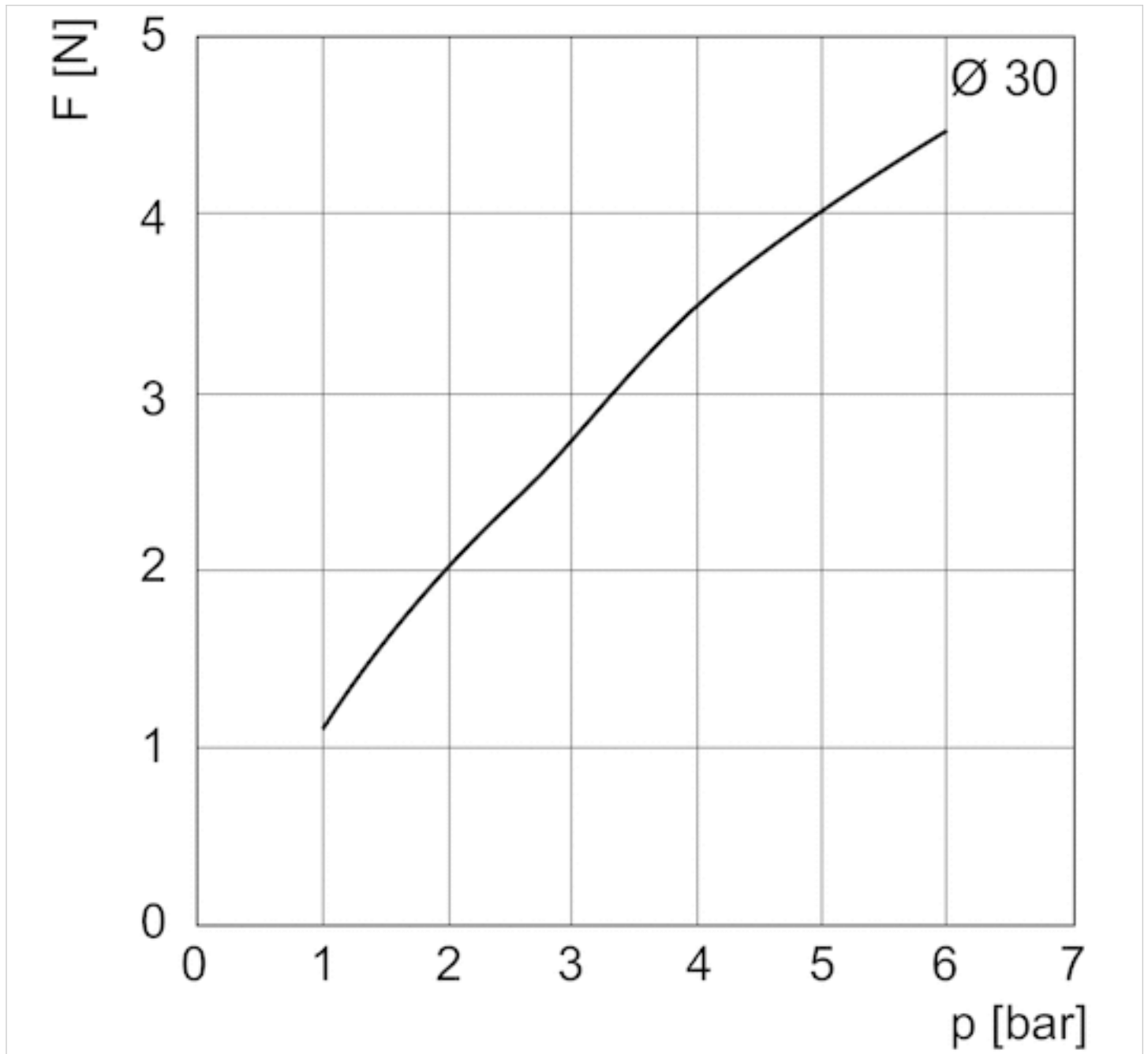
- 1) Compressed air connection
- 2) Alternative compressed air connection
- 3) Air flow
- 4) Lifting force
- 5) Object
- 6) Stop

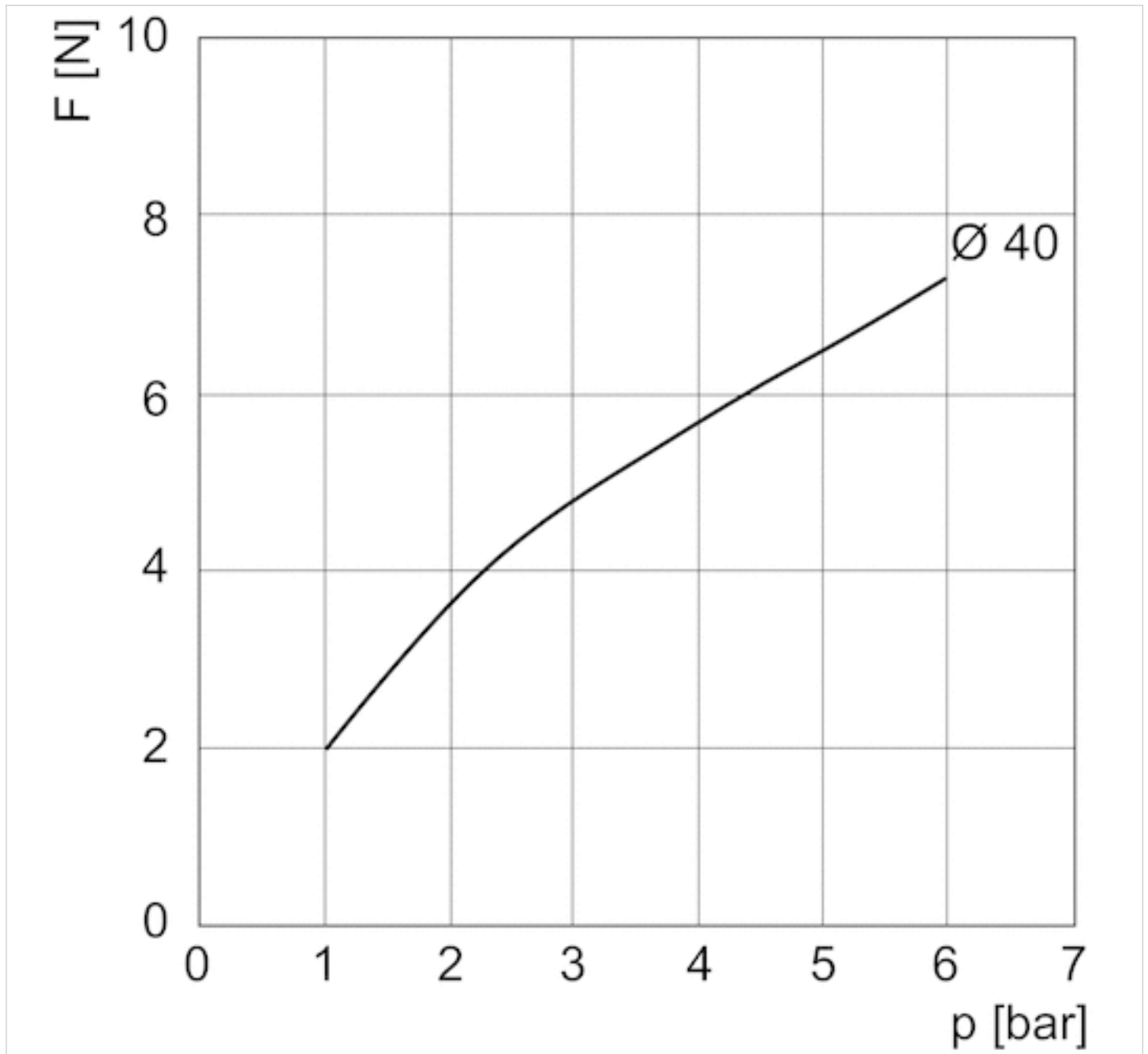


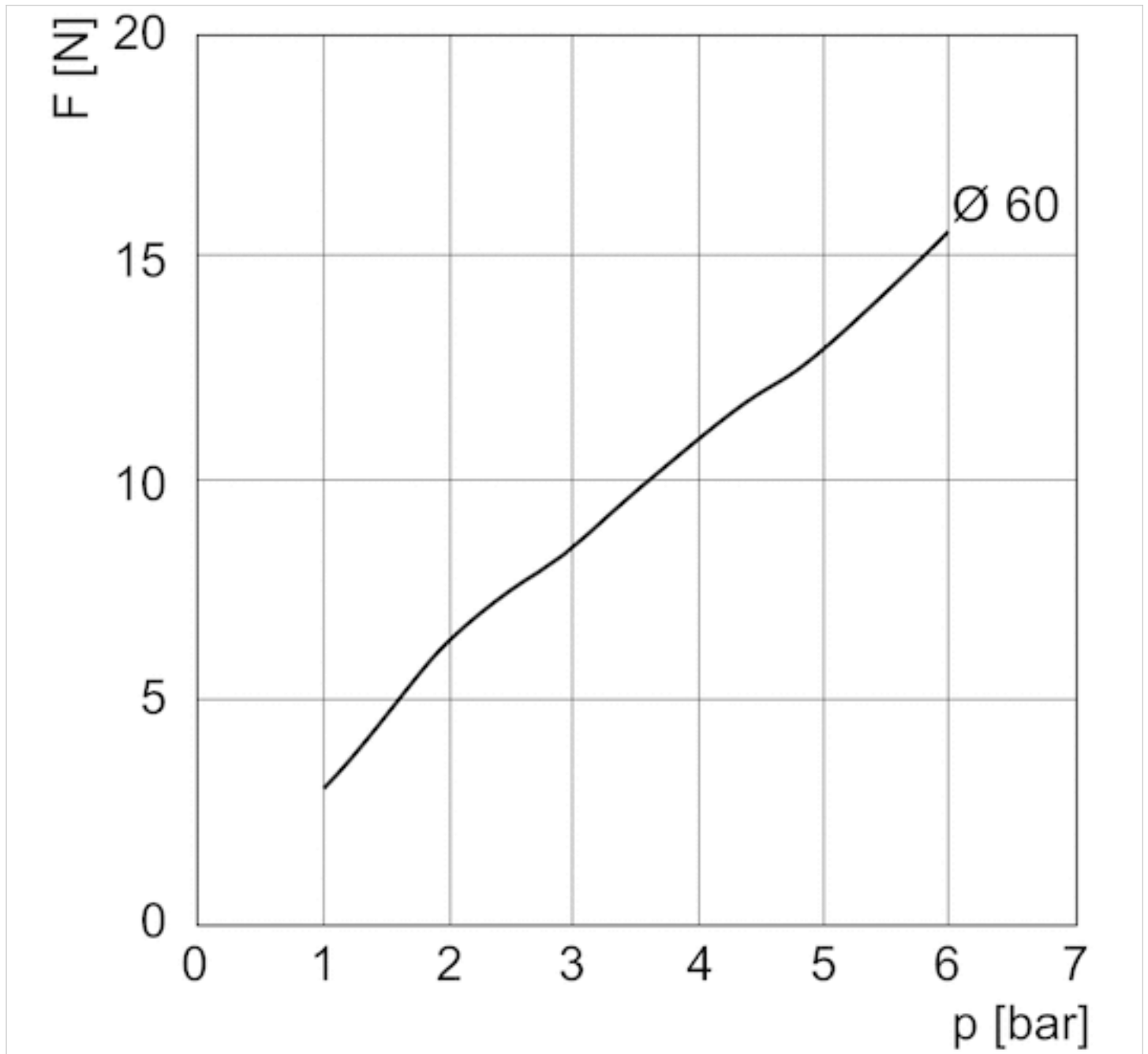


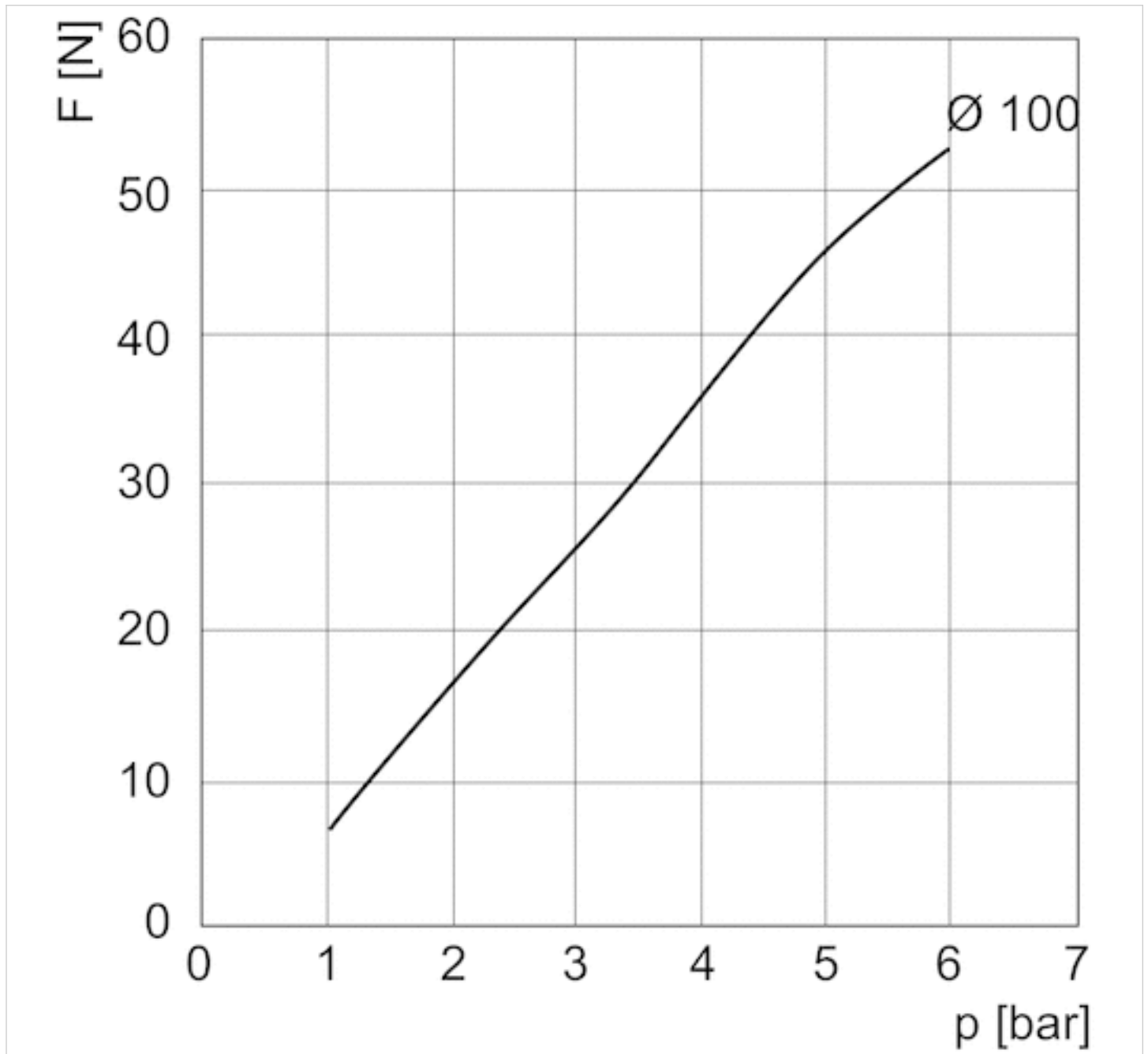


Lifting force  $F$  dependent on working pressure  $p$ 

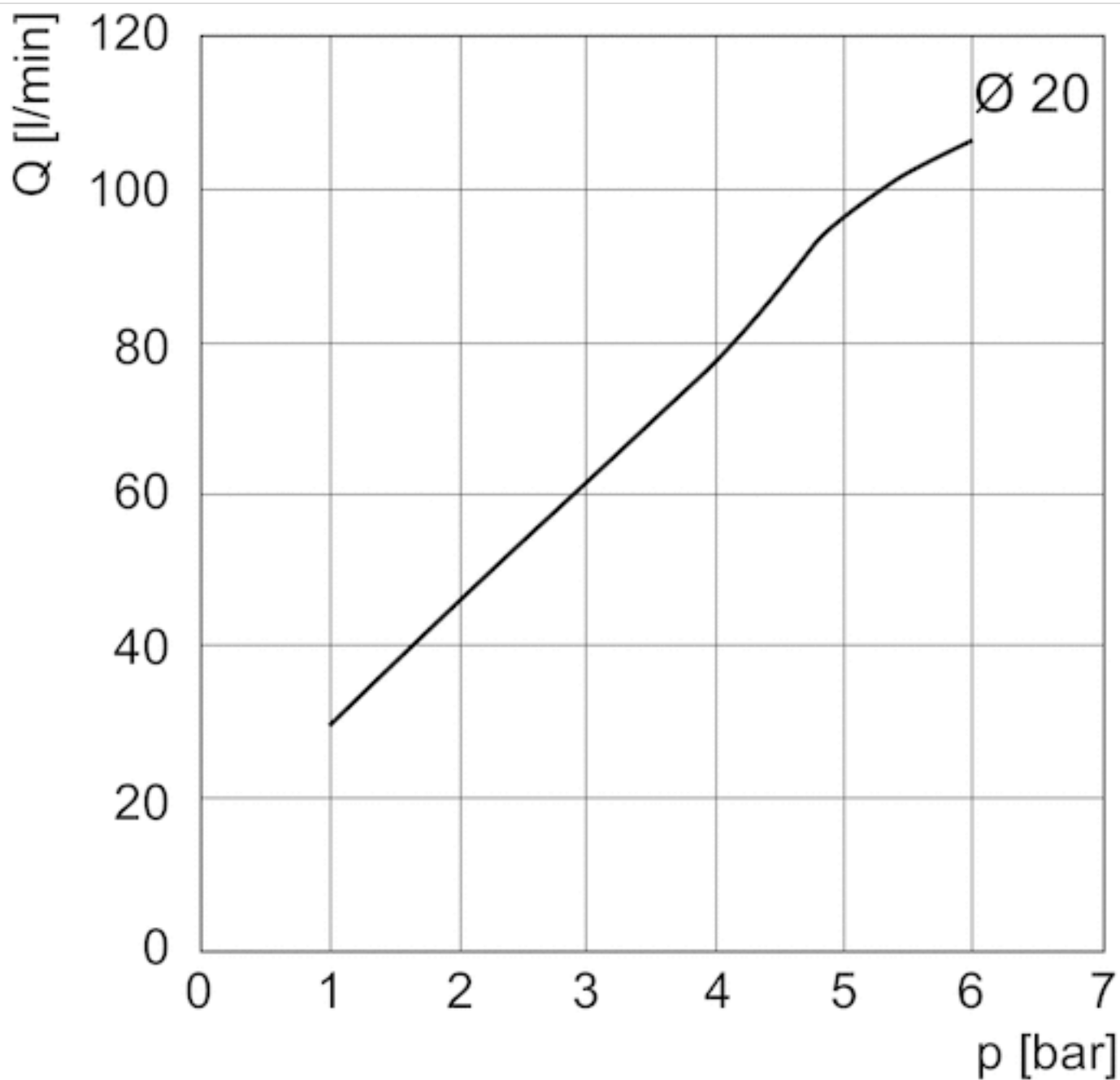


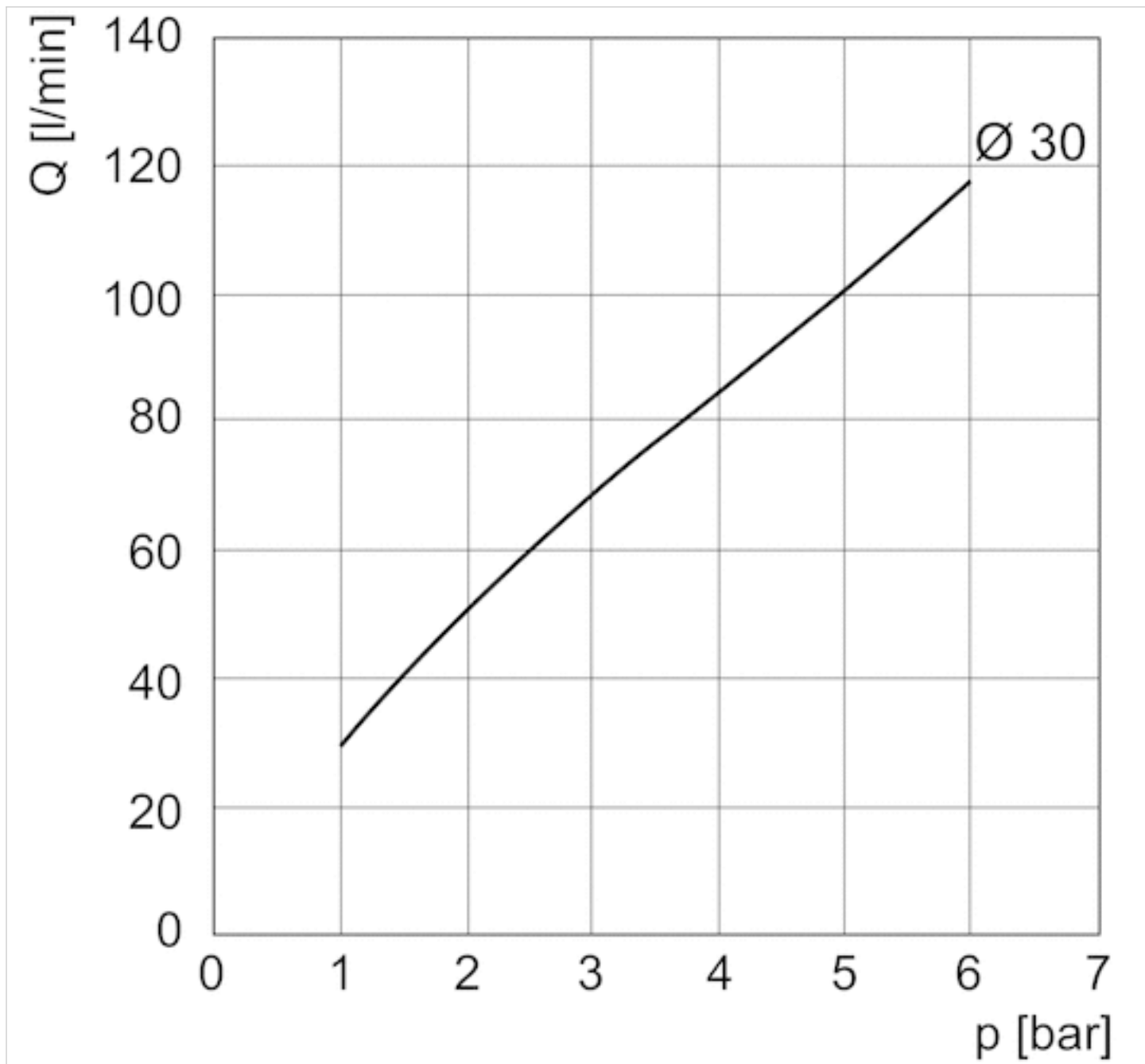




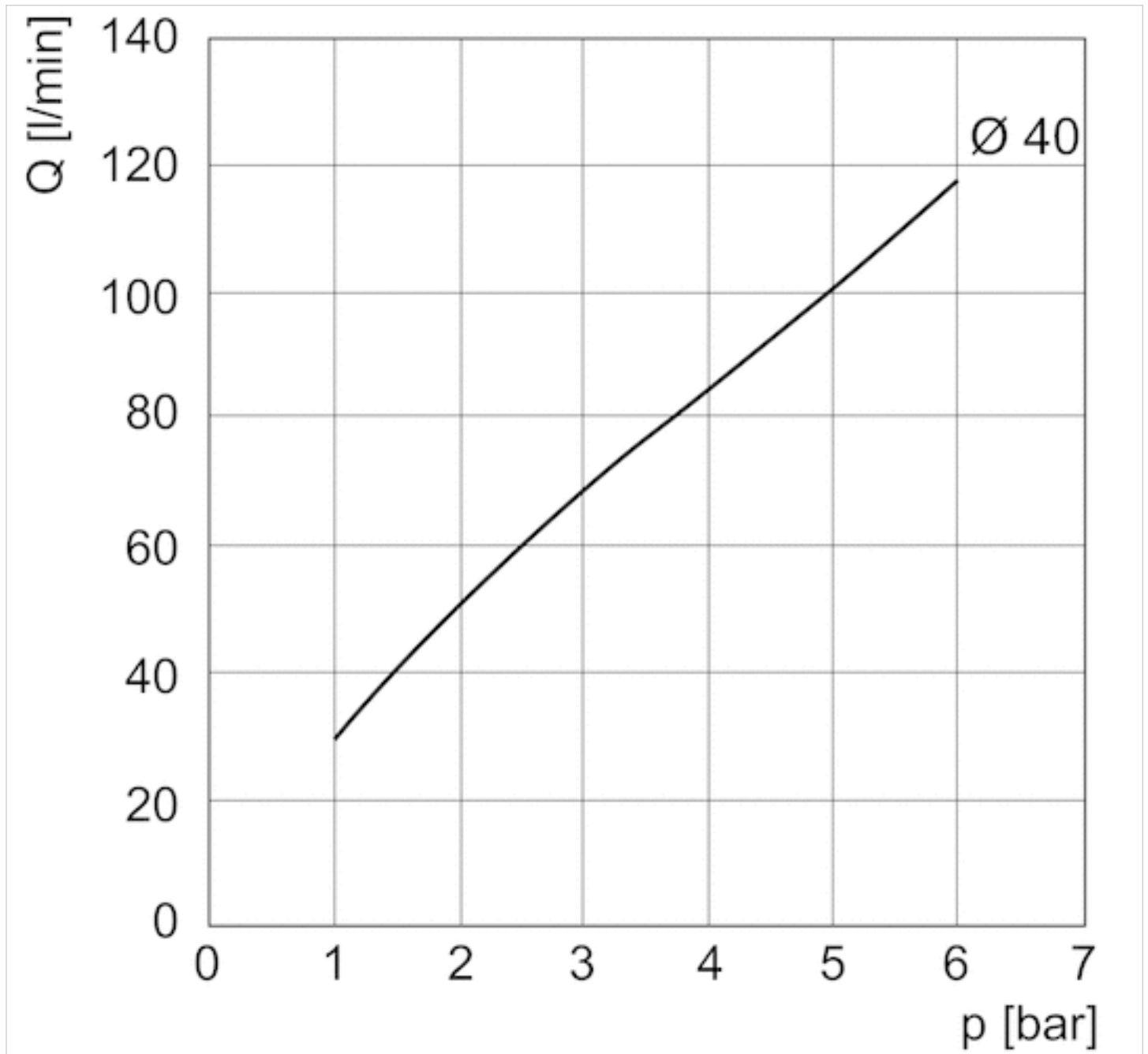


Air consumption Q depending on working pressure p









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