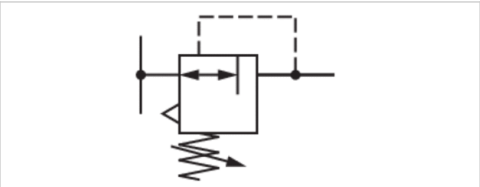
Fine setting valve

- Qn = 900 l/min
- Actuating element handwheel
- Internal thread
- Poppet valve



Type	Poppet valve
Working pressure min./max.	See table below
Adjustment range min./max.	See table below
Ambient temperature min./max.	-25 ... 70 °C
Medium temperature min./max.	-25 ... 70 °C
Medium	Compressed air
Nominal flow Qn	900 l/min
Hysteresis	0.15 bar
Weight	0.6 kg

Technical data

Part No.	Compressed air connection Input	Compressed air connection type Input	Compressed air connection Output
3610607000	G 1/4	Internal thread	G 1/4
3610607100	G 1/4	Internal thread	G 1/4
3610607200	G 1/4	Internal thread	G 1/4
3610607300	G 1/4	Internal thread	G 1/4
3610607400	G 1/4	Internal thread	G 1/4
3610607500	G 1/4	Internal thread	G 1/4
3610607600	G 1/4	Internal thread	G 1/4
3610607700	G 1/4	Internal thread	G 1/4

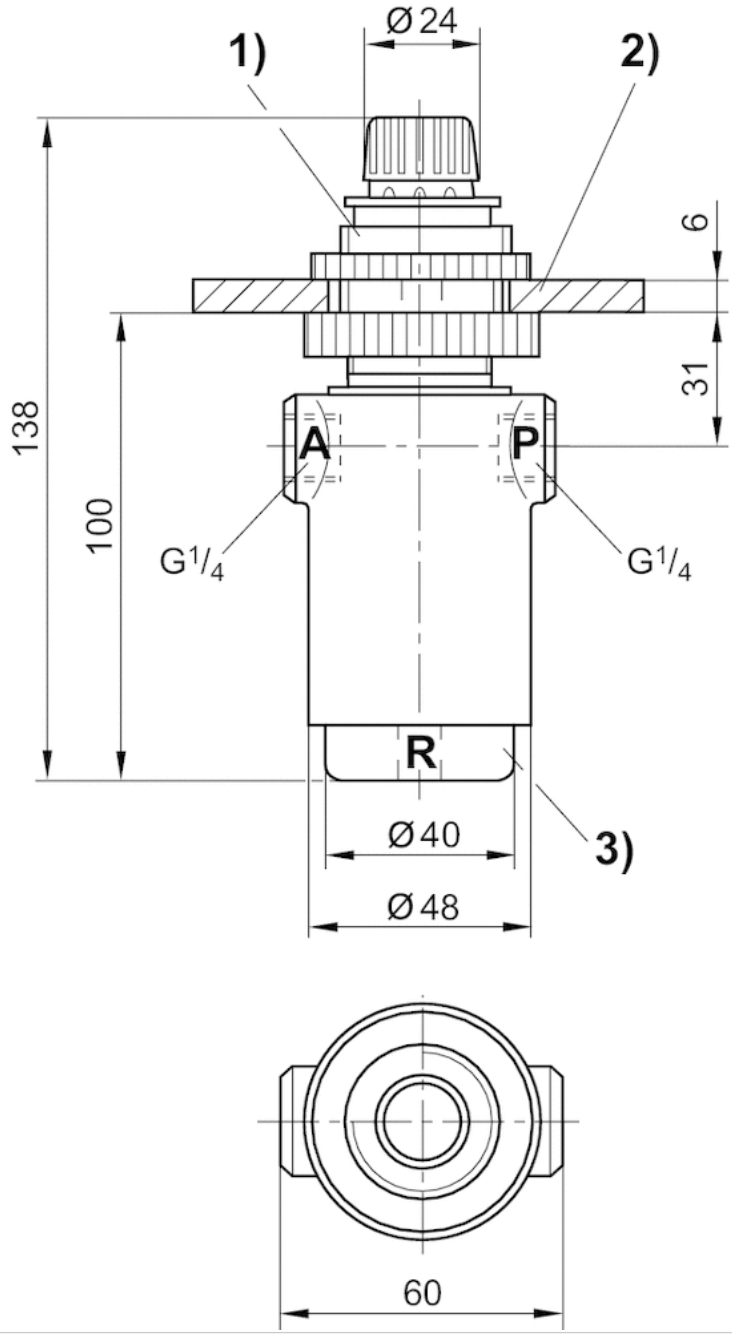
Part No.	Working pressure min./max.	Adjustment range min./max.	Parallel pressure displacement
3610607000	0.1 ... 10 bar	0.1 ... 1.1 bar	1.3 bar
3610607100	0.1 ... 10 bar	0.1 ... 2.6 bar	1.4 bar
3610607200	0.1 ... 10 bar	0.1 ... 3.6 bar	1.4 bar
3610607300	0.1 ... 10 bar	0.1 ... 4.1 bar	1.4 bar
3610607400	0.1 ... 10 bar	0.1 ... 4.6 bar	1.4 bar
3610607500	0.1 ... 10 bar	0.1 ... 5.1 bar	1.4 bar
3610607600	0.1 ... 10 bar	0.1 ... 7.1 bar	0.8 bar
3610607700	0.1 ... 12 bar	0.1 ... 10.1 bar	-

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions

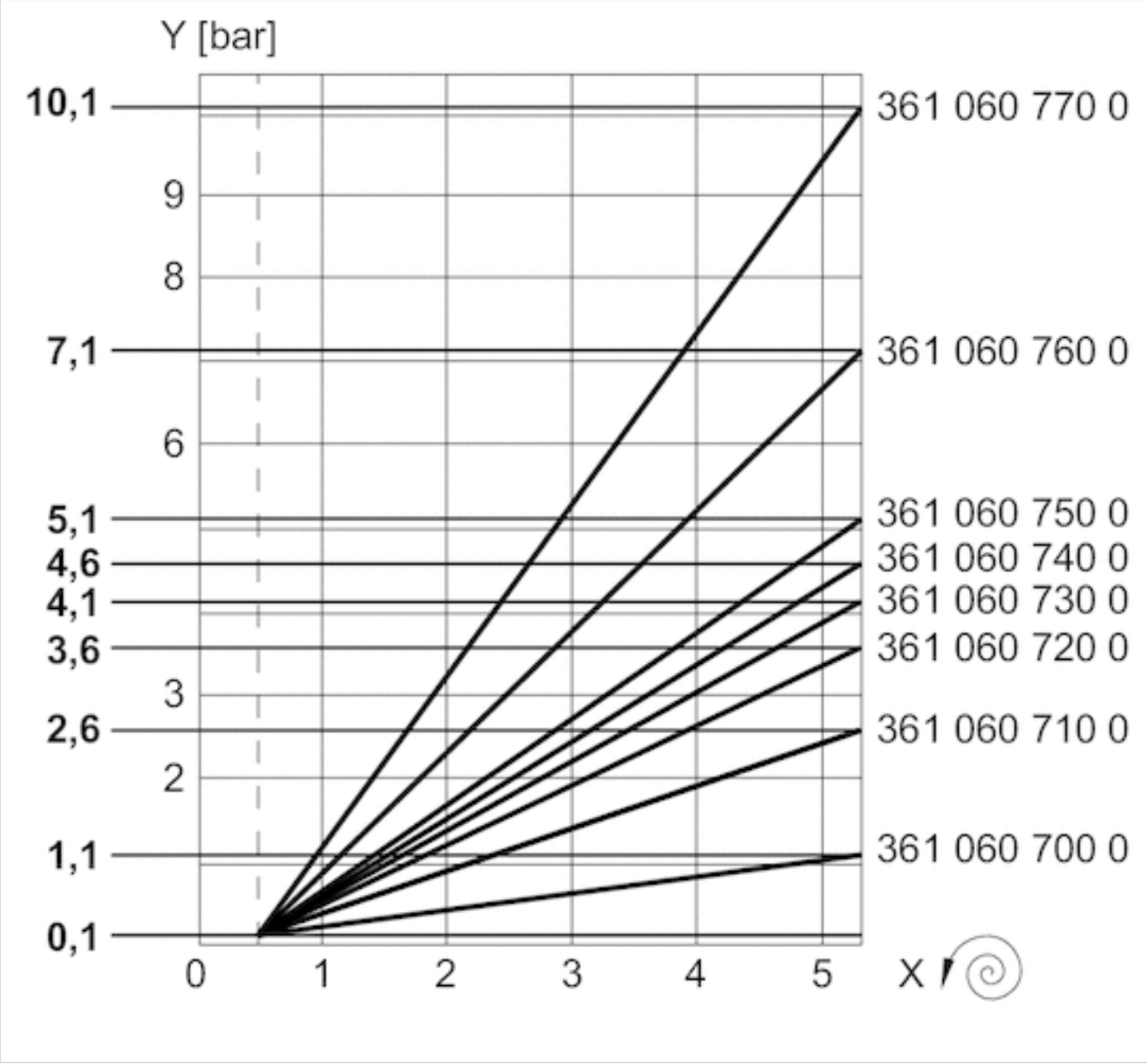


1) The handwheel can be adjusted once the locking ring has been pulled up.
2) hole for mounting plate Ø 31 mm
3) screw cap
A = connection output
P = connection input

R = Port exhaust

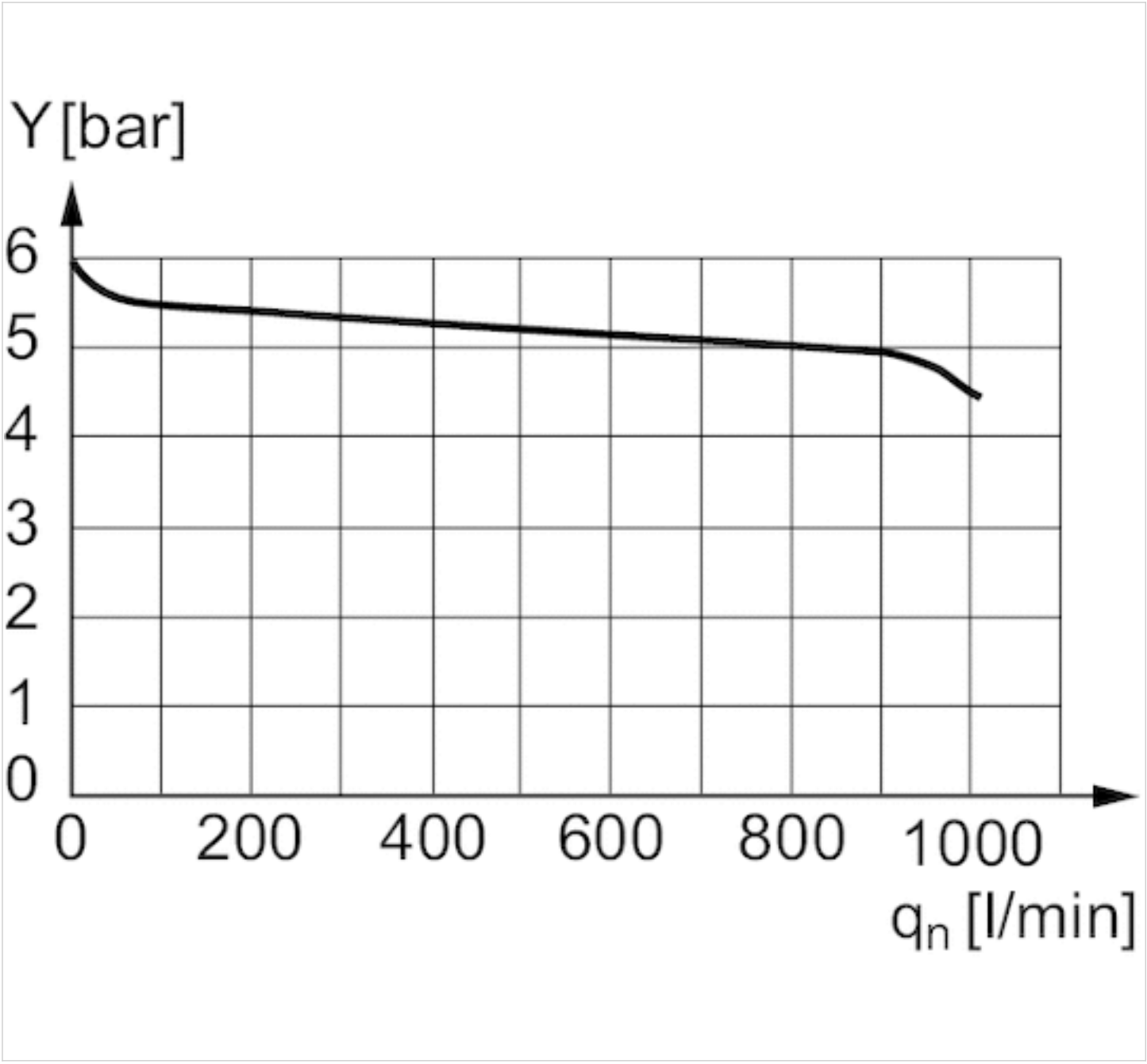
Diagrams

Pressure characteristics curve



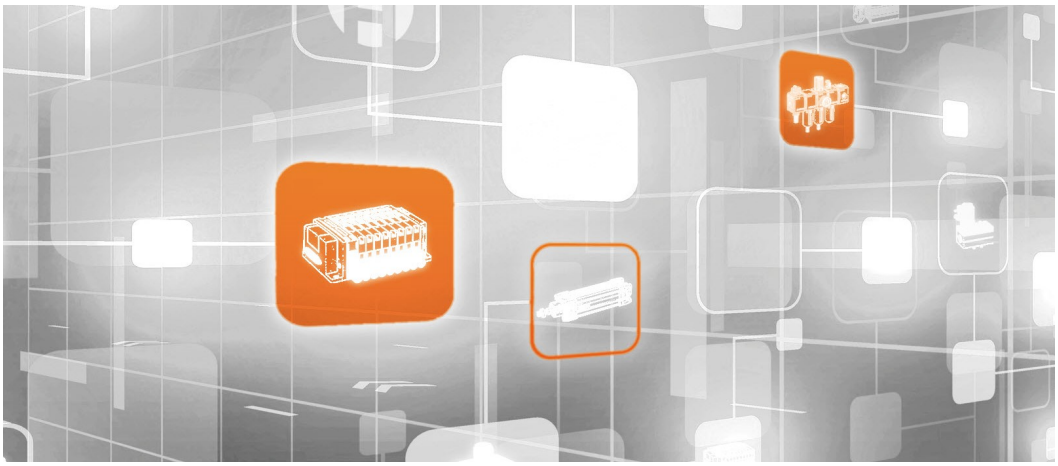
x = rotations of the handwheel
The characteristic curve can be moved parallel to the illustrated characteristic curve (in the y direction) using the screw cap.

Flow rate characteristic



input pressure: 8 bar, supply pressure: 6 bar
y: pressure in line "A" [bar]

Efficient pneumatic solutions, our program: cylinders and drives, valves and valve systems, air supply management



Visit us: Emerson.com/Aventics

Your local contact: Emerson.com/contactus

Emerson.com

Facebook.com/EmersonAutomationSolutions

LinkedIn.com/company/Emerson-Automation-Solutions

Twitter.com/EMR_Automation

2020-12

EMERSON.

CONSIDER IT SOLVED™