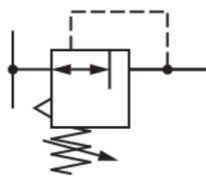


Fine setting valve

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



Version	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
control stroke	7,5 mm
Weight	0,5 kg



Technical data

Part No.	Compressed air connection	Compressed air connection type
	Input	Input
3610507100	G 1/4	Internal thread
3610507200	G 1/4	Internal thread
3610507300	G 1/4	Internal thread
3610507500	G 1/4	Internal thread
3610507600	G 1/4	Internal thread
3610507700	G 1/4	Internal thread

Part No.	Compressed air connection	Working pressure min./max.	Adjustment range min./max.	actuating force min.
	Output			
3610507100	G 1/4	0,1 ... 10 bar	0,1 ... 2,6 bar	110 N
3610507200	G 1/4	0,1 ... 10 bar	0,1 ... 3,6 bar	140 N
3610507300	G 1/4	0,1 ... 10 bar	0,1 ... 4,1 bar	160 N
3610507500	G 1/4	0,1 ... 10 bar	0,1 ... 5,1 bar	190 N
3610507600	G 1/4	0,1 ... 10 bar	0,1 ... 7,1 bar	250 N
3610507700	G 1/4	0,1 ... 12 bar	0,1 ... 10,1 bar	350 N

Part No.	Parallel pressure displacement
3610507100	1,4 bar
3610507200	1,4 bar
3610507300	1,4 bar

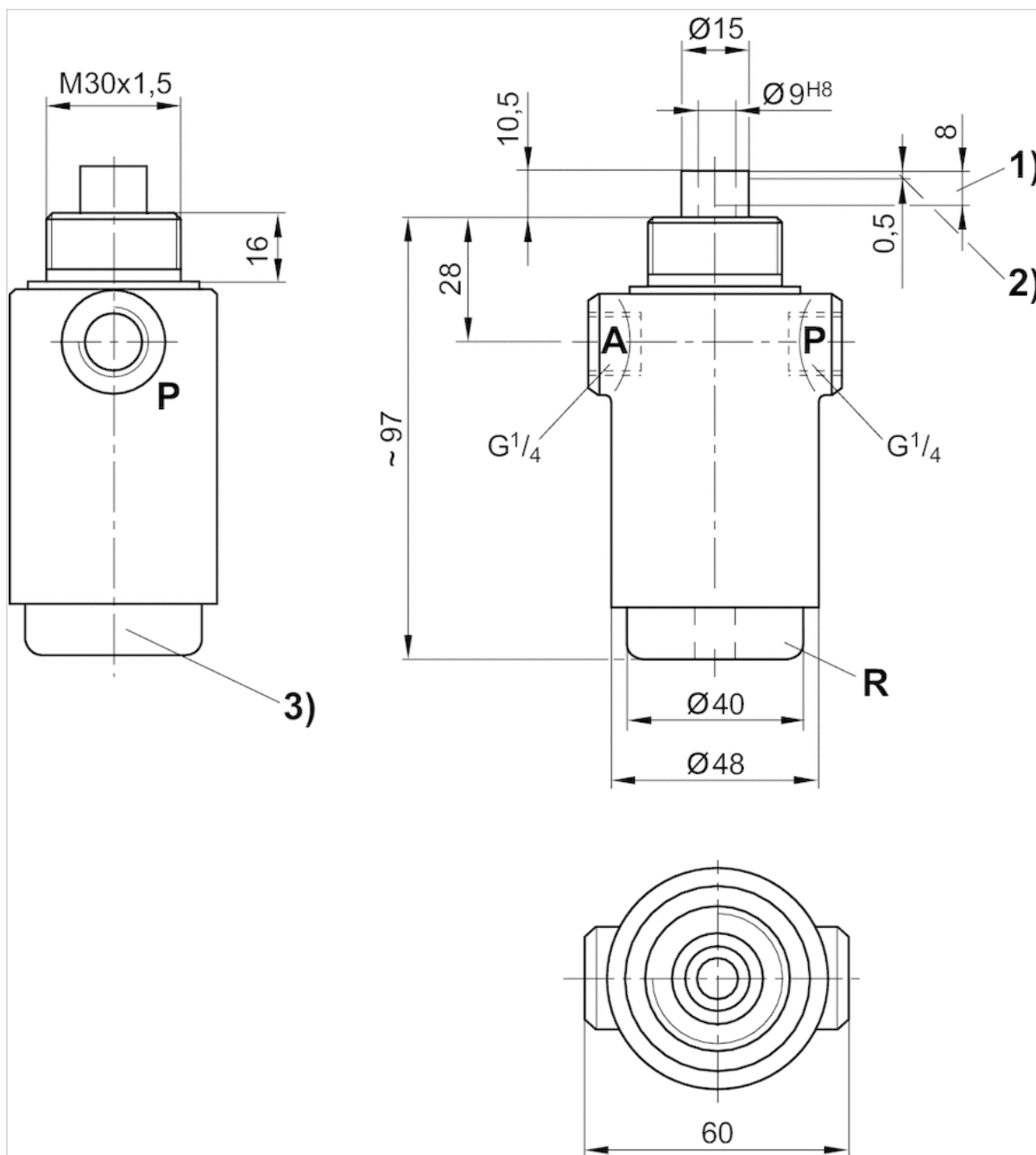
Part No.	Parallel pressure displacement
3610507500	1,4 bar
3610507600	0,8 bar
3610507700	-

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



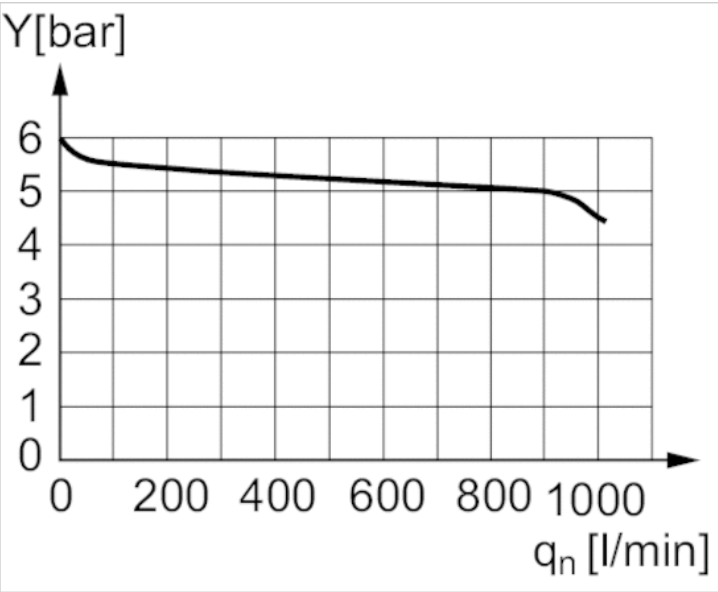
1) Stroke 2) Closing or exhaust stroke 3) Screw cap

A = connection output

P = connection input

R = Port exhaust

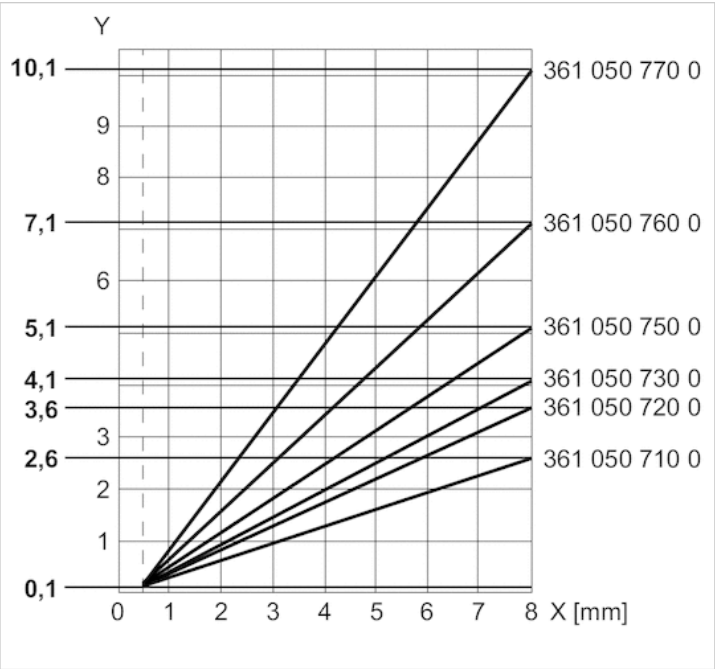
Flow rate characteristic



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

Diagrams

Pressure characteristics curve



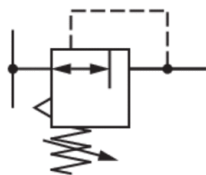
x = stroke
The characteristic curve can be moved parallel to the illustrated characteristic curve (in the y direction) using the screw cap.

Fine setting valve

- Qn = 900 l/min
- Actuating element Push button
- additional pilot connection G 1/4
- Internal thread / Internal thread
- Poppet valve



Version	Poppet valve
Working pressure min./max.	0,1 ... 10 bar
Adjustment range min./max.	0,1 ... 5,1 bar
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
control stroke	7,5 mm
Weight	0,6 kg



Technical data

Part No.	Compressed air connection	Compressed air connection type
	Input	Input
3610547500	G 1/4	Internal thread

Part No.	Compressed air connection	Compressed air connection type
	Output	Output
3610547500	G 1/4	Internal thread

Part No.	Compressed air connection	actuating force min.
	pilot air	
3610547500	G 1/4	100 N

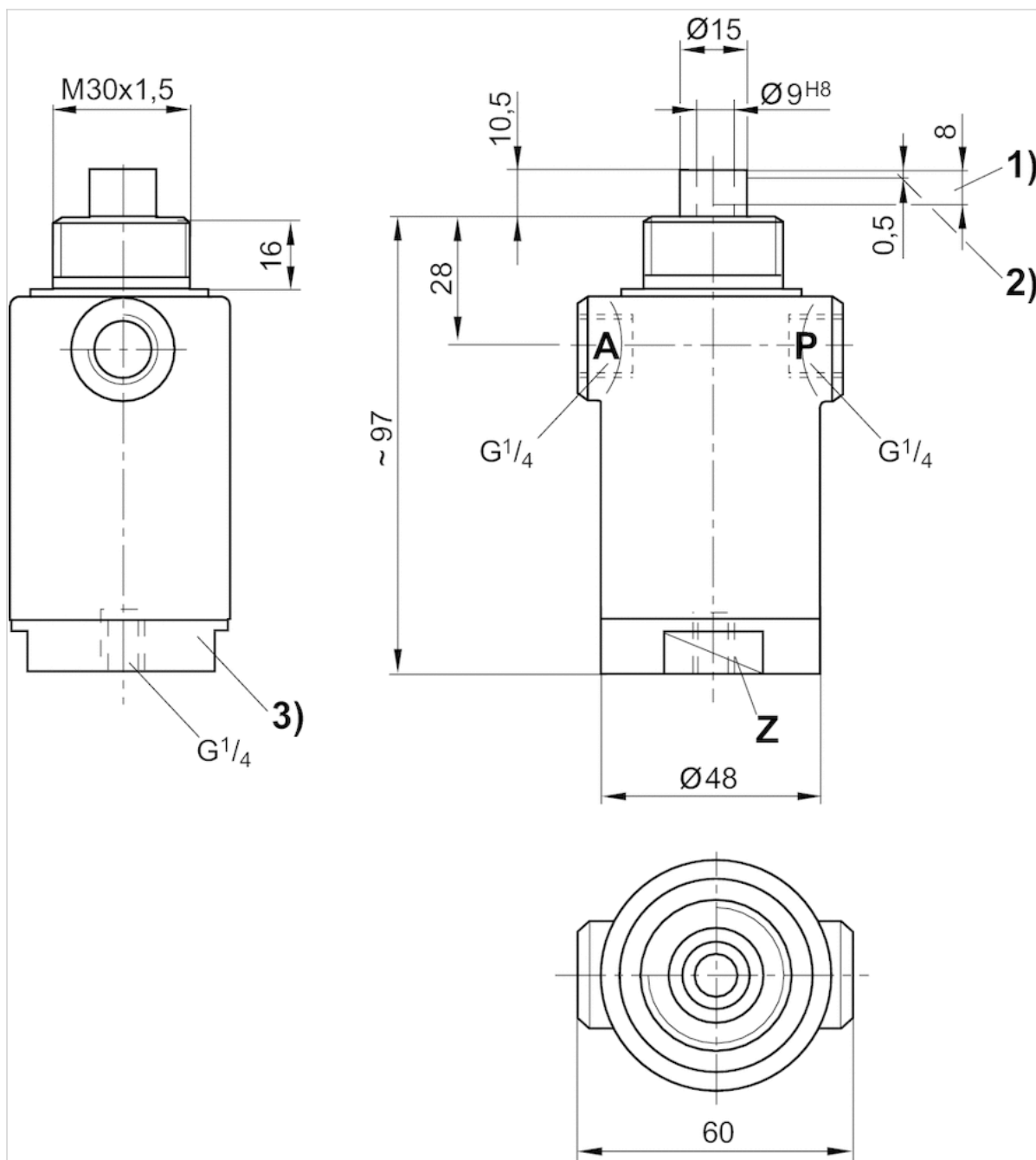
operating force F[N] dependent on pressure in port A

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions



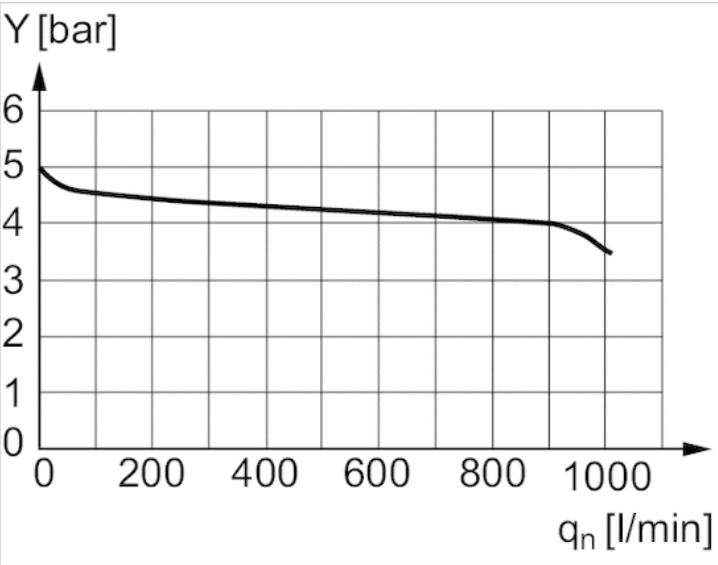
1) Stroke 2) Closing or exhaust stroke 3) Screw cap

A = connection output

P = connection input

Z = control line connection

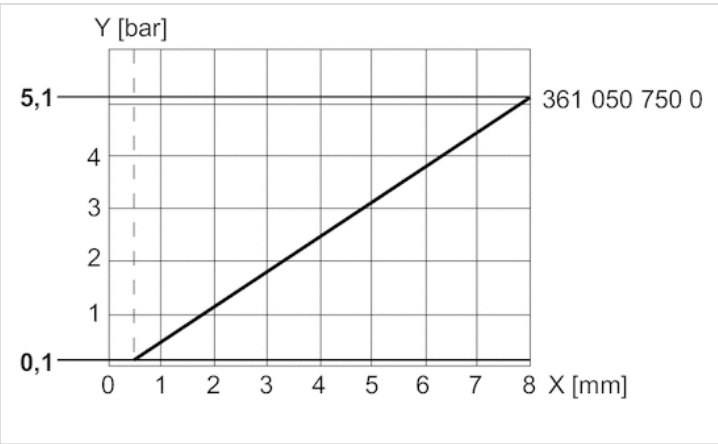
Flow rate characteristic



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

Diagrams

Pressure characteristics curve



x = stroke

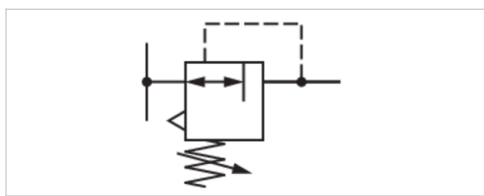
When pressurizing port Z, pressure in the operating line (port A) increases by the pressure applied at port Z. The pressure at port A may not exceed the pressure at port P.

Fine setting valve

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



Version	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	Compressed air connection type
	Input	Input
3610607000	G 1/4	Internal thread
3610607100	G 1/4	Internal thread
3610607200	G 1/4	Internal thread
3610607300	G 1/4	Internal thread
3610607400	G 1/4	Internal thread
3610607500	G 1/4	Internal thread
3610607600	G 1/4	Internal thread
3610607700	G 1/4	Internal thread

Part No.	Compressed air connection	Working pressure min./max.	Adjustment range min./max.
	Output		
3610607000	G 1/4	0,1 ... 10 bar	0,1 ... 1,1 bar
3610607100	G 1/4	0,1 ... 10 bar	0,1 ... 2,6 bar
3610607200	G 1/4	0,1 ... 10 bar	0,1 ... 3,6 bar
3610607300	G 1/4	0,1 ... 10 bar	0,1 ... 4,1 bar
3610607400	G 1/4	0,1 ... 10 bar	0,1 ... 4,6 bar
3610607500	G 1/4	0,1 ... 10 bar	0,1 ... 5,1 bar
3610607600	G 1/4	0,1 ... 10 bar	0,1 ... 7,1 bar
3610607700	G 1/4	0,1 ... 12 bar	0,1 ... 10,1 bar

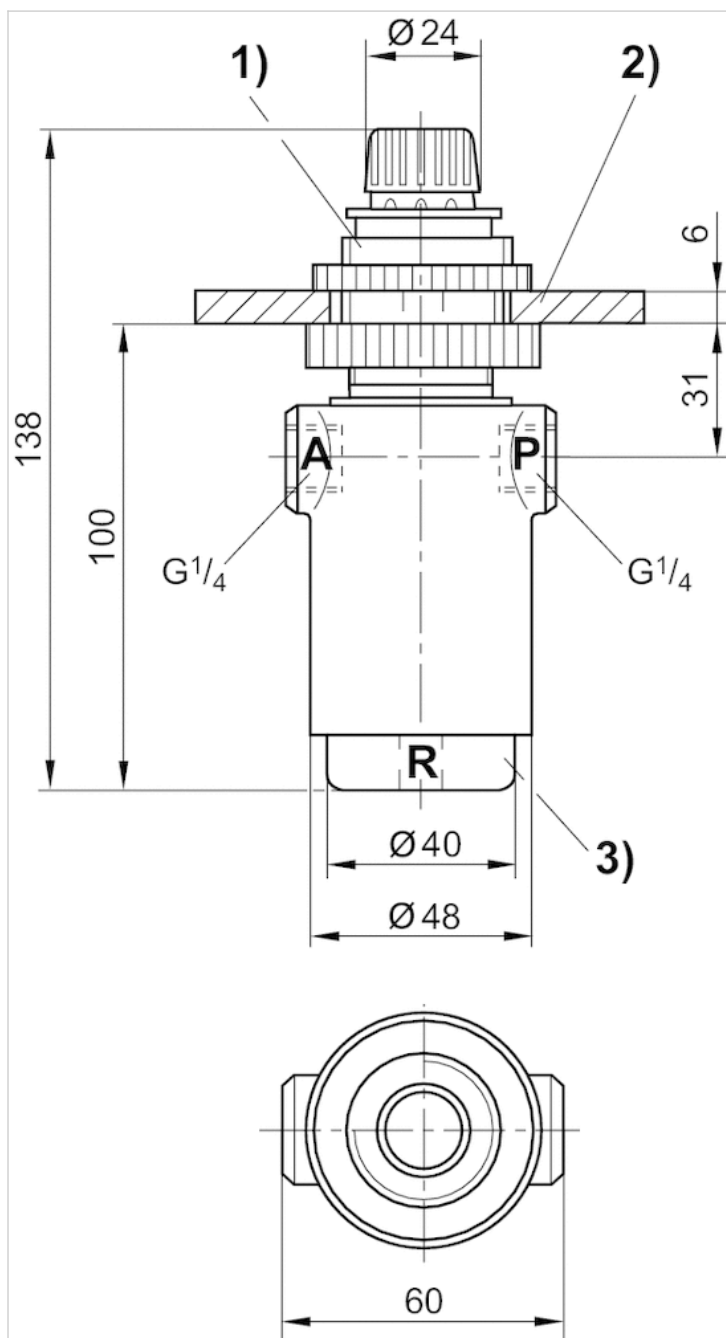
Part No.	Parallel pressure displacement
3610607000	1,3 bar
3610607100	1,4 bar
3610607200	1,4 bar
3610607300	1,4 bar
3610607400	1,4 bar
3610607500	1,4 bar
3610607600	0,8 bar
3610607700	-

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

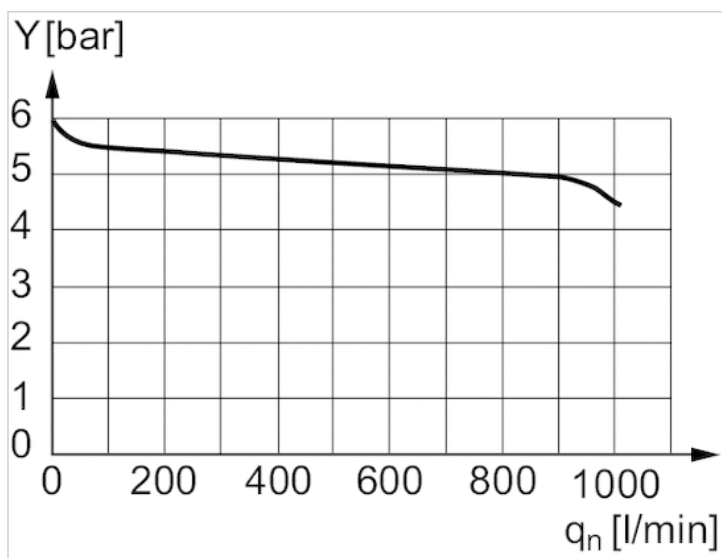
Dimensions

Dimensions



- 1) The handwheel can be adjusted once the locking ring has been pulled up. 2) hole for mounting plate $\text{Ø}31$ mm 3) screw cap
 A = connection output
 P = connection input
 R = Port exhaust

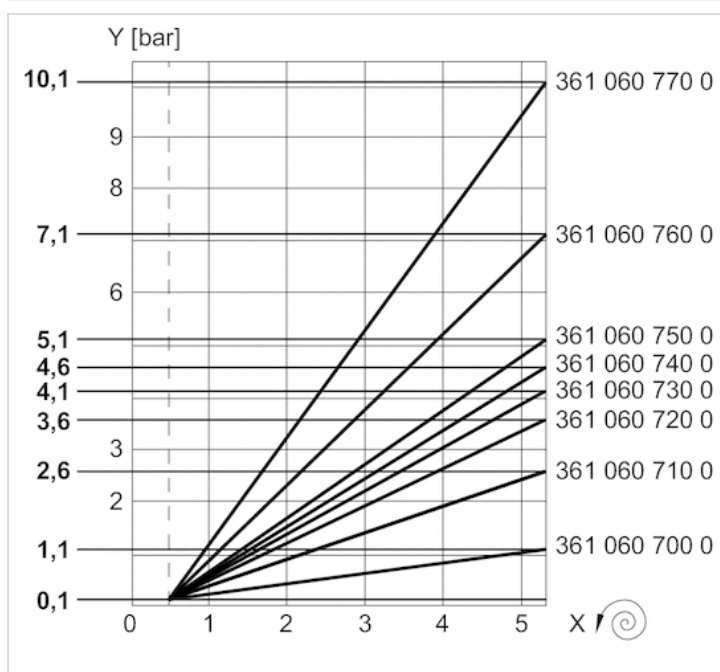
Flow rate characteristic



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

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.

Fine setting valve

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



Version	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	1,2 kg

Technical data

Part No.		Compressed air connection	Compressed air connection type
		Input	Input
3610628300		G 1/4	Internal thread
3610628400		G 1/4	Internal thread
3610628500		G 1/4	Internal thread
3610628600		G 1/4	Internal thread
3610628700		G 1/4	Internal thread
3610628330		G 1/4	Internal thread
3610628630		G 1/4	Internal thread

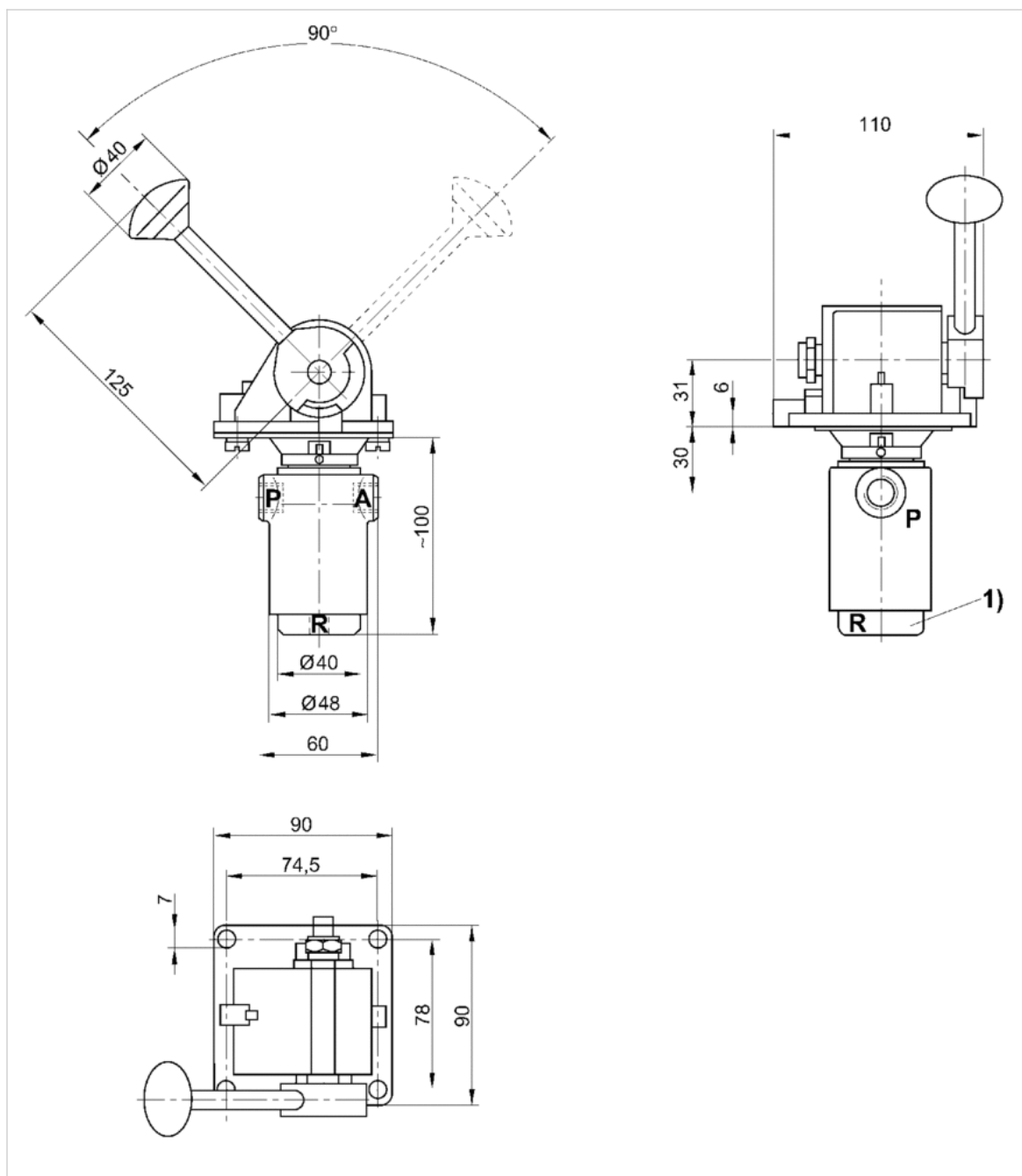
Part No.	Compressed air connection	Working pressure min./max.	Adjustment range min./max.
	Output		
3610628300	G 1/4	0,1 ... 10 bar	0,1 ... 4,1 bar
3610628400	G 1/4	0,1 ... 10 bar	0,1 ... 4,6 bar
3610628500	G 1/4	0,1 ... 10 bar	0,1 ... 5,1 bar
3610628600	G 1/4	0,1 ... 10 bar	0,1 ... 7,1 bar
3610628700	G 1/4	0,1 ... 12 bar	0,1 ... 10,1 bar
3610628330	G 1/4	0,1 ... 10 bar	0,1 ... 4,1 bar
3610628630	G 1/4	0,1 ... 10 bar	0,1 ... 7,1 bar

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

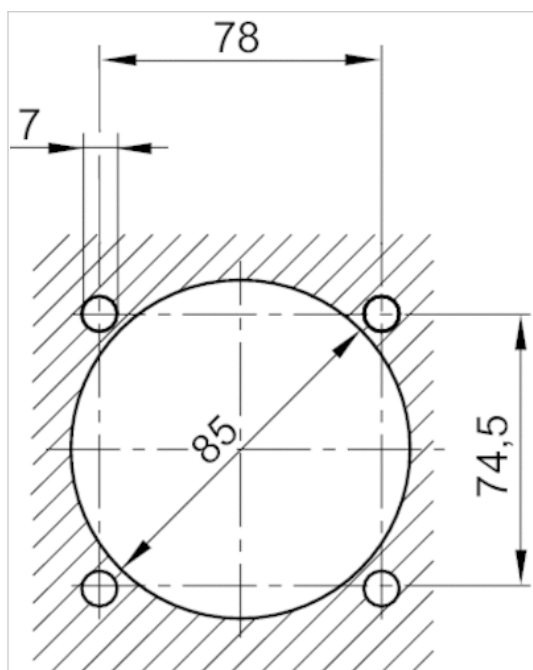
Dimensions

Dimensions



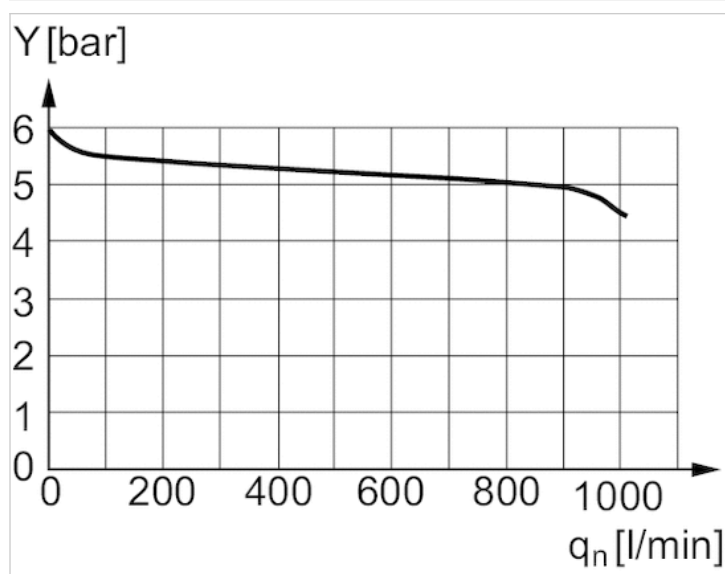
- 1) Screw cap
 A = connection output
 P = connection input
 R = Port exhaust

Cut-out in the mounting plate



Mounting plate max. 10 mm thick

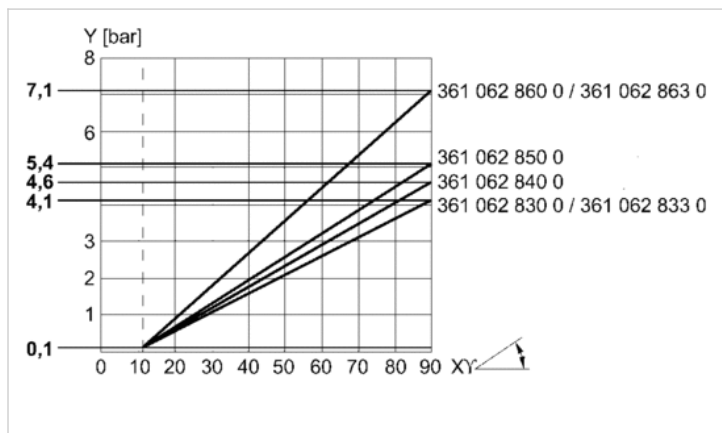
Flow rate characteristic



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

Diagrams

Pressure characteristics curve



x = lever path

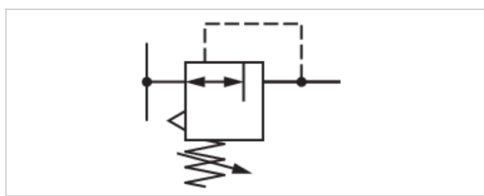
The characteristic curve can be moved parallel to the illustrated characteristic curve (in the y direction) using the screw cap.

Fine setting valve

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



Version	Poppet valve
Working pressure min./max.	0,1 ... 10 bar
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	1,5 kg



Technical data

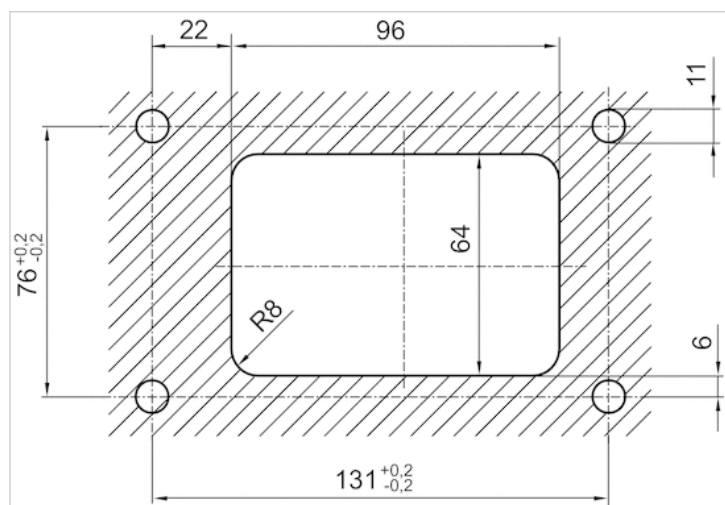
Part No.	Compressed air connection	Compressed air connection type
	Input	Input
3610647100	G 1/4	Internal thread
3610647400	G 1/4	Internal thread
3610647500	G 1/4	Internal thread
3610647600	G 1/4	Internal thread

Part No.	Compressed air connection	Adjustment range min./max.	actuating force min.
	Output		
3610647100	G 1/4	0,1 ... 2,6 bar	67 N
3610647400	G 1/4	0,1 ... 4,6 bar	77 N
3610647500	G 1/4	0,1 ... 5,1 bar	80 N
3610647600	G 1/4	0,1 ... 7,1 bar	90 N

Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

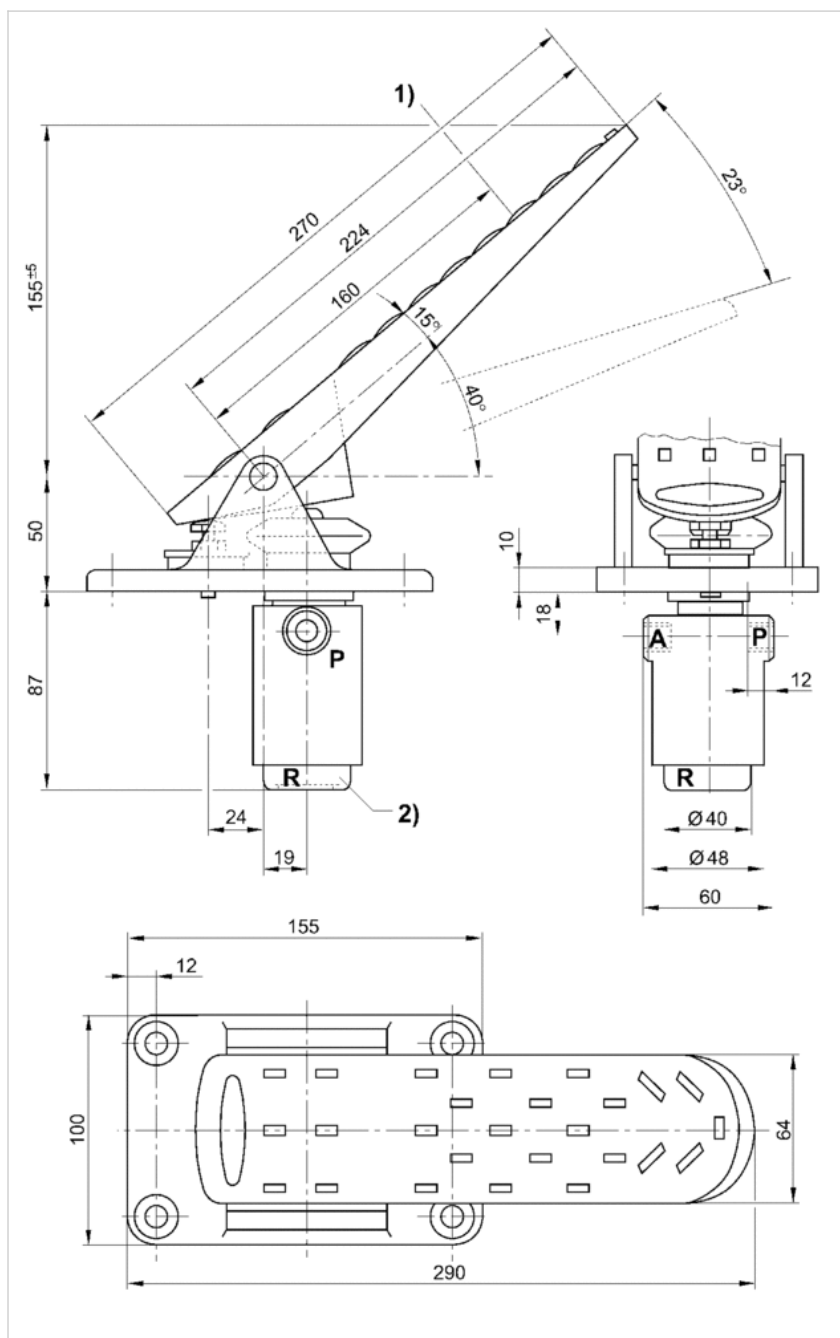
Cut-out in the mounting plate



Mounting plate max. 7 mm thick

Dimensions

Dimensions



1) actuating force on the pedal

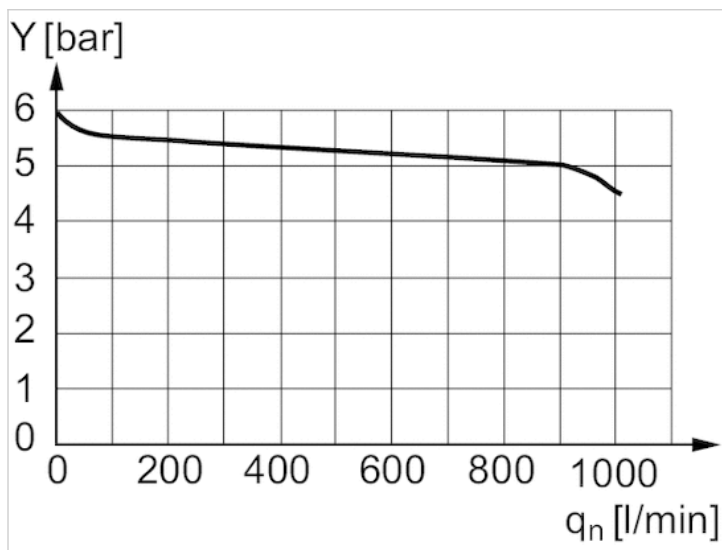
2) Screw cap

A = connection output

P = connection input

R = Port exhaust

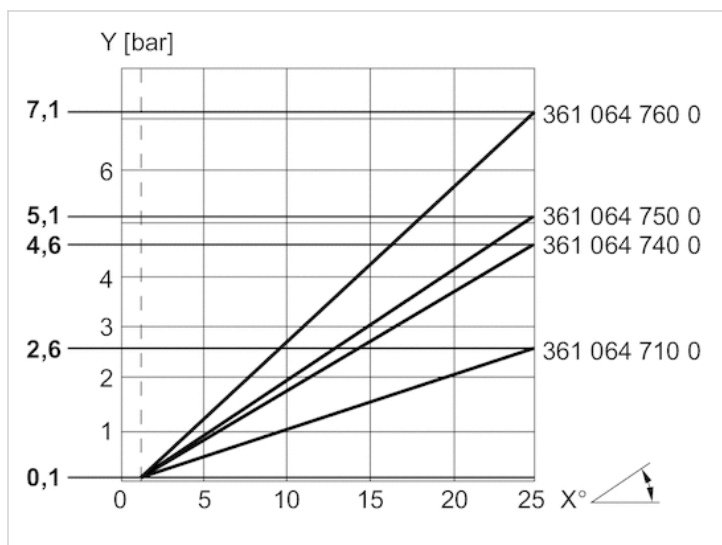
Flow rate characteristic



y: pressure in operating line "A" [bar]

Diagrams

Pressure characteristics curve



x = pedal path

The characteristic curve can be moved parallel to the illustrated characteristic curve (in the y direction) using the screw cap.

Accessories, Series Fine setting valves



Technical data

Part No.	Fig.	Type
8919902914	Fig. 1	Lock nut
8920306514	Fig. 2	Pressure piece (flat)
8920306504	Fig. 3	Pressure piece (spherical)
8920306702	Fig. 4	Pressure piece (with ball)
8920306602	Fig. 5	Pressure piece
8977502904	Fig. 6	Bellows
3610504304	Fig. 7	Threaded rings
8951044204	Fig. 8	Shim 0.2 mm thick
8951004104	Fig. 8	Shim 0.5 mm thick (for pressure pieces Fig. 2-5)
8950703004	Fig. 9	Cover for stroke limitation (for pressure pieces Fig. 2-5)

Dimensions

Dimensions Single parts

