

# Fine setting valve

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



## Type

Working pressure min./max.

Adjustment range min./max.

Ambient temperature min./max.

Medium temperature min./max.

Medium

Nominal flow Qn

Hysteresis

Weight

Poppet valve

0.1 ... 10 bar

See table below

-25 ... 70 °C

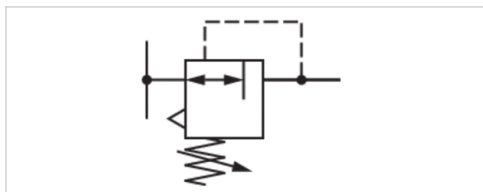
-25 ... 70 °C

Compressed air

900 l/min

0.15 bar

1.5 kg



## Technical data

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

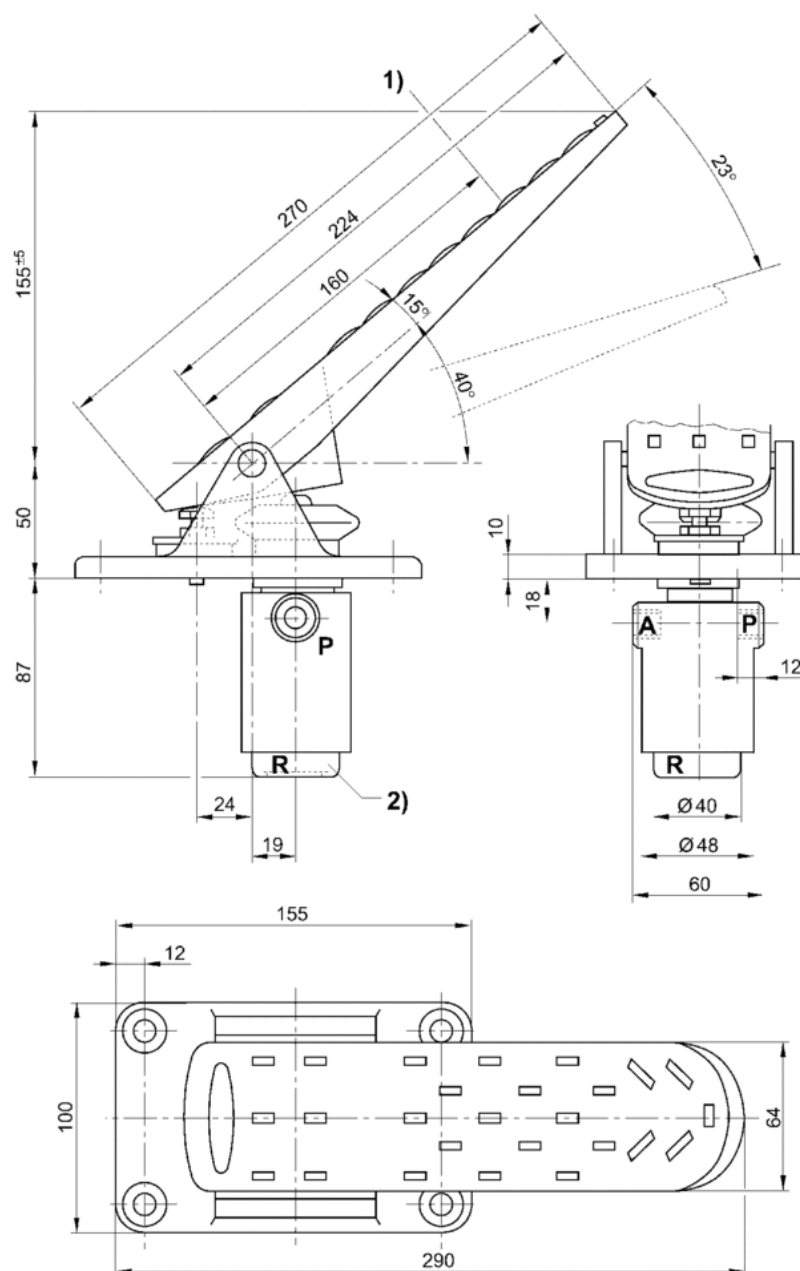
Part No.	Adjustment range min./max.	actuating force min.
3610647100	0.1 ... 2.6 bar	67 N
3610647400	0.1 ... 4.6 bar	77 N
3610647500	0.1 ... 5.1 bar	80 N
3610647600	0.1 ... 7.1 bar	90 N

## Technical information

Material	
Housing	Die cast zinc
Seals	Acrylonitrile butadiene rubber

## Dimensions

### Dimensions



1) actuating force on the pedal

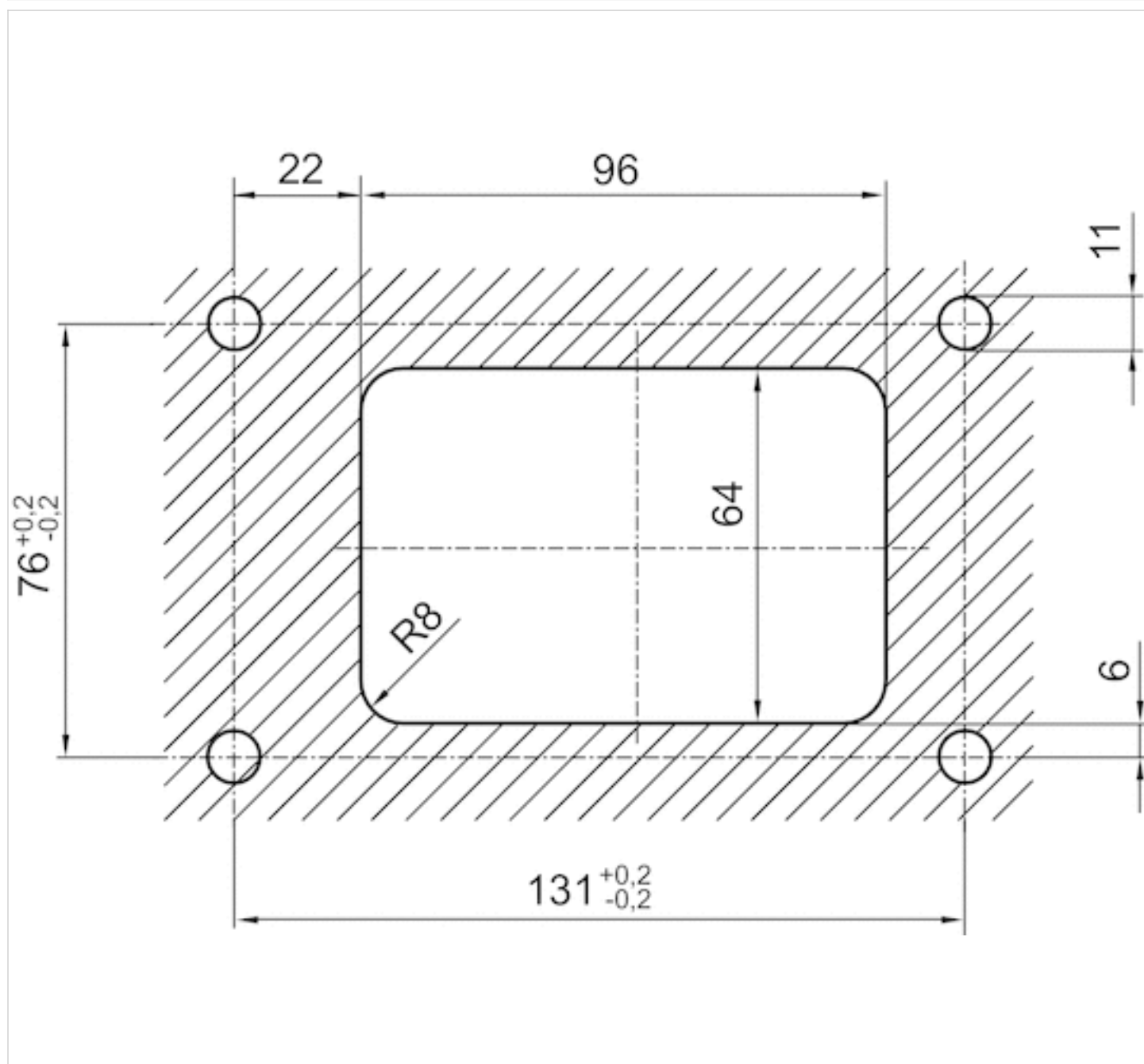
2) Screw cap

A = connection output

P = connection input

R = Port exhaust

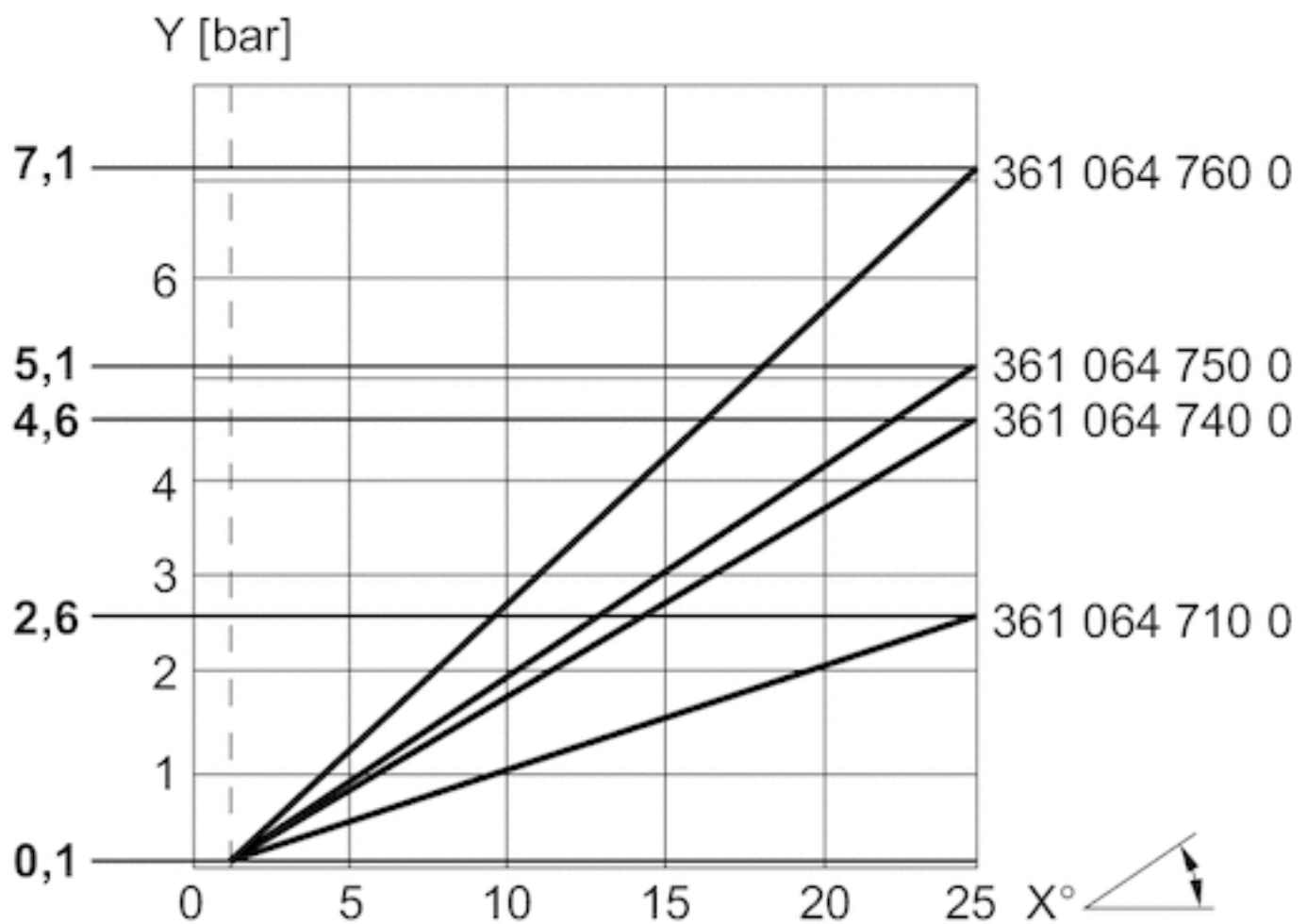
## Cut-out in the mounting plate



Mounting plate max. 7 mm thick

## Diagrams

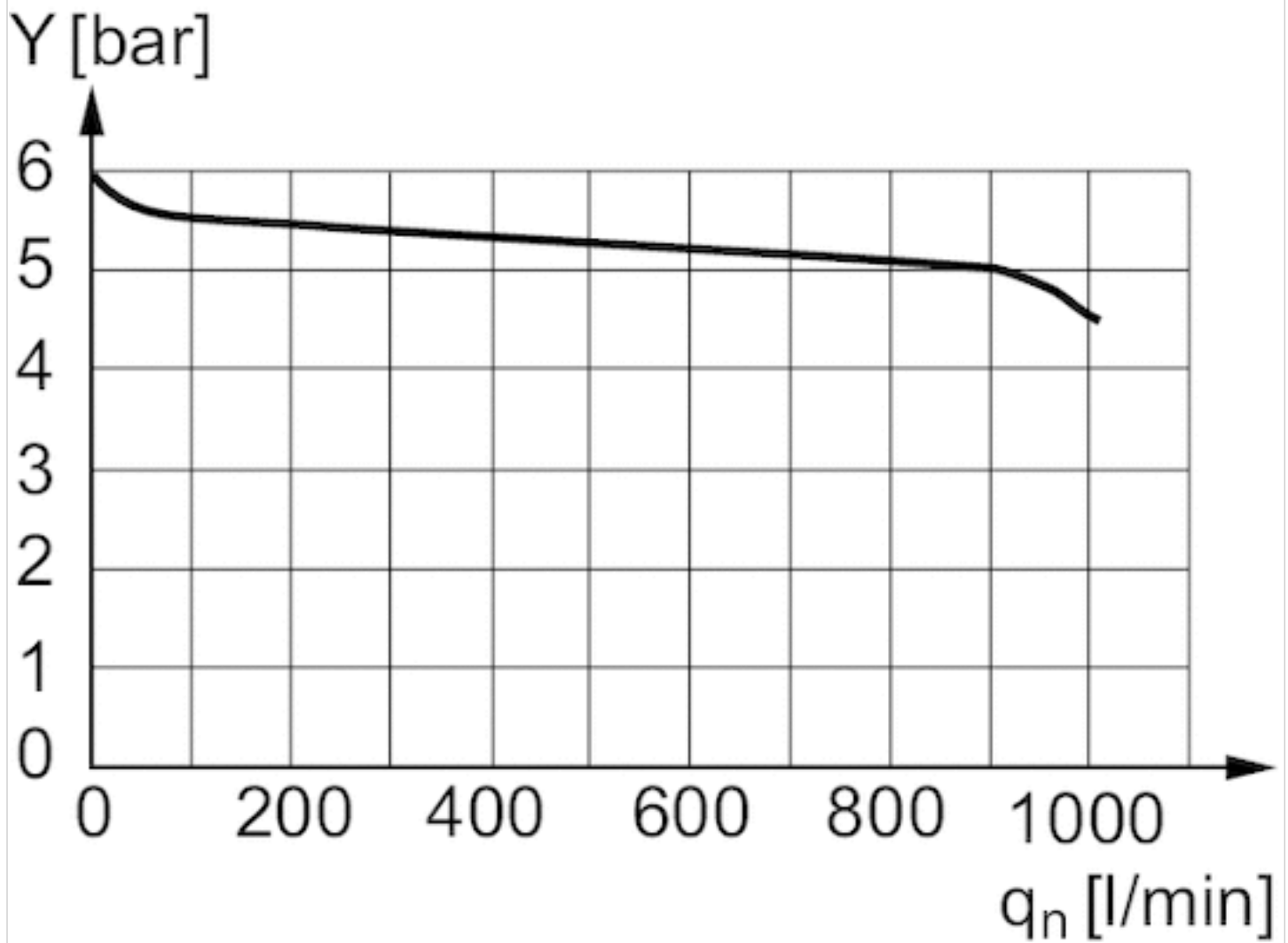
## Pressure characteristics curve



$x$  = pedal path

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

## Flow rate characteristic



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

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