

lateral valve

type LVP 06

3-LVP 06

valve type with pilot valve

**2/2 way valve externally controlled**

pressure range PN 0-500 bar

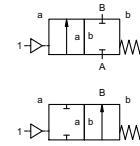
orifice DN 6 mm

connection thread

function valve

normally closed symbol NC

valve normally open symbol NO

**design externally controlled with spring return****body materials**

① brass	②
③	⑤
④	⑥

valve seat monel on brass

seal materials EPDM, NBR

FPM

⚠ Above stated body materials refer to the valve port connections that get in contact with the media only!

general specifications**options****details needed for main valve**

- orifice
- port
- function NC/NO
- operating pressure/ Δp
- flow rate
- media
- media temperature
- ambient temperature
- type of actuation

details needed for pneumatic actuation

- nominal voltage
- type of protection
- actuation pressure range min/max
- low wattage coil, actuation pressure range 4-7 bar
- pilot valve type

ports LVP threads G 1/4

function NC NO

pressure range bar 0-500

Kv value l/min 7

vacuum leak rate $< 10^{-6}$ mbar·l·s⁻¹pressure-vacuum $P_1 \leftrightarrow P_2$ pressure side max. 500 bar

back pressure vacuum side leak rate upon request

media $P_2 > P_1$ available (max. 16 bar)

gaseous

abrasive media

damping opening

closing

flow direction $A \rightarrow B$ as marked

switching cycles 1/min 300

switching time ms opening 100-3000 closing 100-3000

media temperature ${}^{\circ}C$ -20 to +80ambient temperature ${}^{\circ}C$ -20 to +80

flush ports

leak ports

limit switches

manual override

approvals

mounting

weight

inductive via adapter

via 3/2 way pilot valve

mounting holes on valve body

kg 2,2 adapter

additional equipment

nominal voltage

power consumption

protection

energized duty rating

connection

optional

additional equipment

max. temperature

explosion proof

pneumatic specifications

options

actuation pressure range bar 7

air consumption cm³/stroke 6,5

cycle speed main valve speed variable by throttleson pilot valve

control via 3/2 way pilot valve

pilot valve interface

actuator ports 2/4 M 5

hydraulic specifications

options

actuation pressure range

control

actuator ports

by media

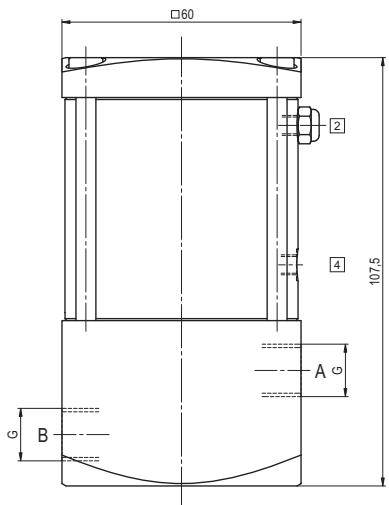
⚠ The valves' technical design is based on media and application requirements. This can lead to deviations from the general specifications shown on the data sheet with regards to the design, sealing materials and characteristics.

⚠ If order or application specifications are incomplete or imprecise there exists a risk of an incorrect technical design of the valve for the required application. As a consequence, the physical and / or chemical properties of the materials or seals used, may not be suitable for the intended application.

■ specifications not highlighted are standard
specifications highlighted in grey are optional

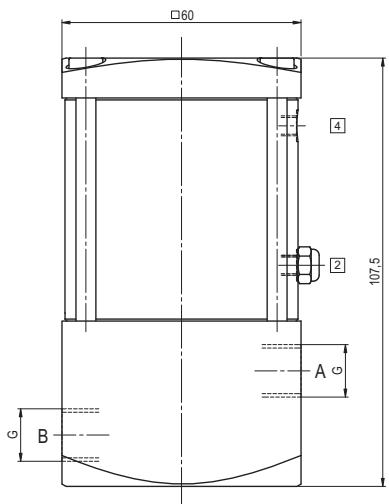
type LVP 06

function: **NC**
closed when not energized

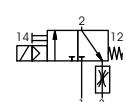


type LVP 06

function: **NO**
open when not energized



pneumatic actuation (separately)



3/2-way-pilot valve
flow rate 60 l/min
pressure range 3-10 bar