83640
2/2-way valves

- Port size:
  Compression Fitting
  DN 25 ... 40
- High flow rate
- Clear, compact design
- One-piece diaphragm
- Simple mounting

Technical features

Medium:
Air

Switching function:
Normally closed

Operation:
Remote pilot operated

Flow direction:
Determined

Mounting position:
Optional

Port size:
DN 25, DN 40

Control port:
G1/8

Operating pressure:
0,4 ... 8 bar (5,8 ... 116 psi)

Dusty gas temperature:
–20 ... +85°C (–4 ... +185°F)

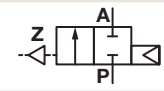
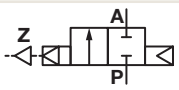
Cleaning gas temperature:
–40 ... +85°C (–40 ... +185°F)

Ambient temperature:
–20 ... +85°C (–4 ... +185°F)

Material:
Body: Aluminium
Seat seal: TPE

Note:
Control via separate pilot valve or pilot controller.

Technical data – standard models

Symbol	Orifice (mm)	Flow kv value *1) (m^3/h)	Operating pressure (bar)	(psi)	Weight (kg)	Model
	25	22	0,4 ... 8	5,8 ... 116	0,7	8364400.0000.00000
	40	59	0,4 ... 8	5,8 ... 116	1,85	8364600.0000.00000

*1) Cv-value (US) ≈ kv value x 1,2

Option selector

8364★★★.0000.00000

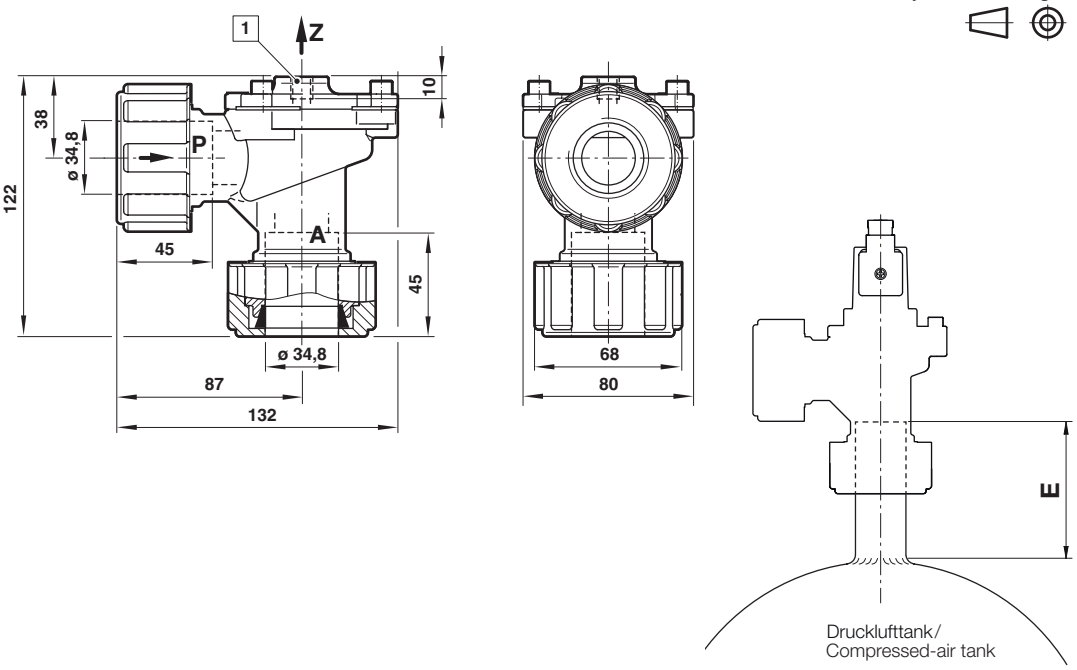
Port size	Substitute
25	4
40	6

Valve options	Substitute
Dusty gas temperature version −20 ... +100°C (−4 ... +212°F), Seat seal TPE, Ambient temperature −40 ... +85°C (−40 ... +185°F), Cleaning gas temperature −20 ... +85°C (−4 ... +185°F)	62
Dusty gas temperature version −20 ... +140°C (−4 ... +284°F), Seat seal TPE, Ambient temperature −40 ... +85°C (−40 ... +185°F), Cleaning gas temperature −20 ... +85°C (−4 ... +185°F)	63
Low temperature version Dusty gas temperature version −40 ... +85°C (−40 ... +185°F), Seat seal TPE, Ambient temperature −40 ... +85°C (−40 ... +185°F), Cleaning gas temperature −40 ... +85°C (−40 ... +185°F)	71
Pilot connection 1/8 NPT	99

Dimensions

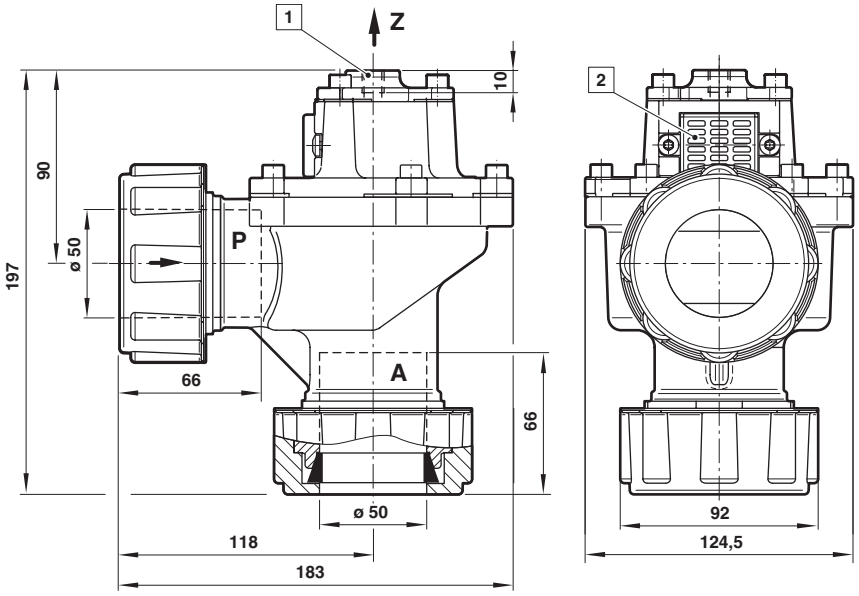
Dimensions in mm
Projection/first angle

DN 25



Orifice (mm)	E
25	59
40	83

DN 40



1 Pilot connection G1/8
2 Silencer

Note to Pressure Equipment Directive (PED):

The valves of this series are according to Art. 4 § 3 of the Pressure Equipment Directive (PED) 2014/68/EU. This means interpretation and production are in accordance to engineers practice well-known in the member countries.

A certificate of conformity is not designated.