

Data sheet

DZ23	Three-spindle compensating and shut-off valve
DZ24	Four-spindle compensating and shut-off valve with vent valve

Fitting for connection and commissioning of differential pressure transmitters of the series DS11, DE16, DE38 und DE39.

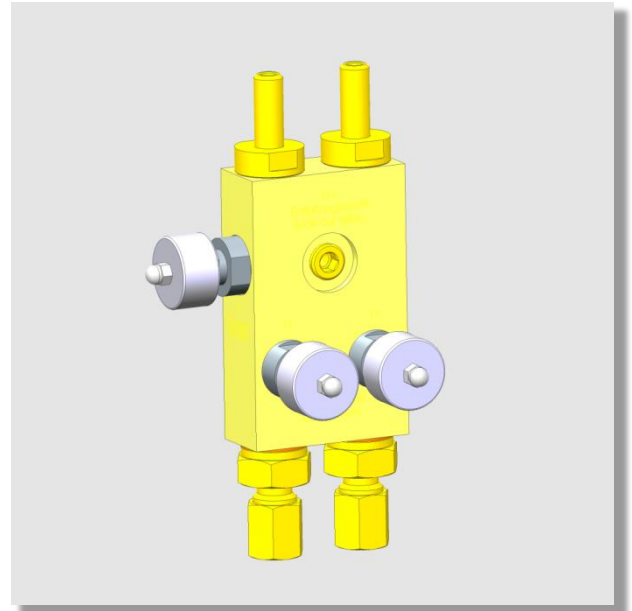
Design and mode of operation

In a block casing there are three valve components with which the measuring lines can be blocked on the process side and pressure can be compensated on the transmitter side.

The DZ24 is additionally equipped with a vent valve for the pressure lines and the valve set.

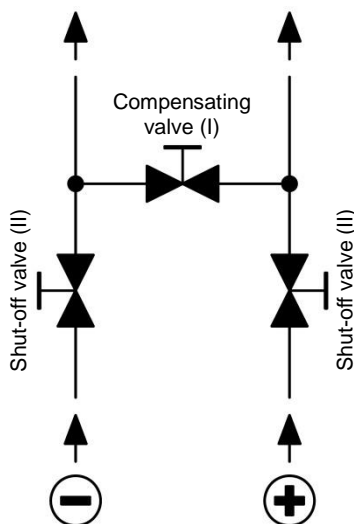
The valves should have metal seals. The valve spindles contain rotating ball bearings that form a wear-free seal to the block casing. The valve spindles are sealed to the outside with O-rings.

The hand wheels can be lead-sealed or detached for safety purposes.

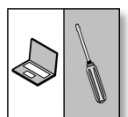
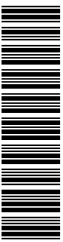
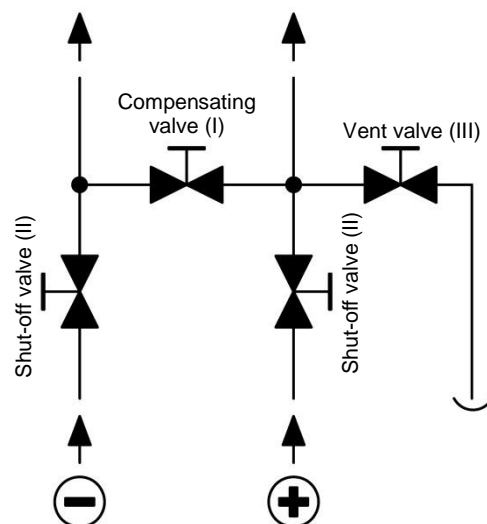


Functional Schematic

DZ23 (without vent valve)



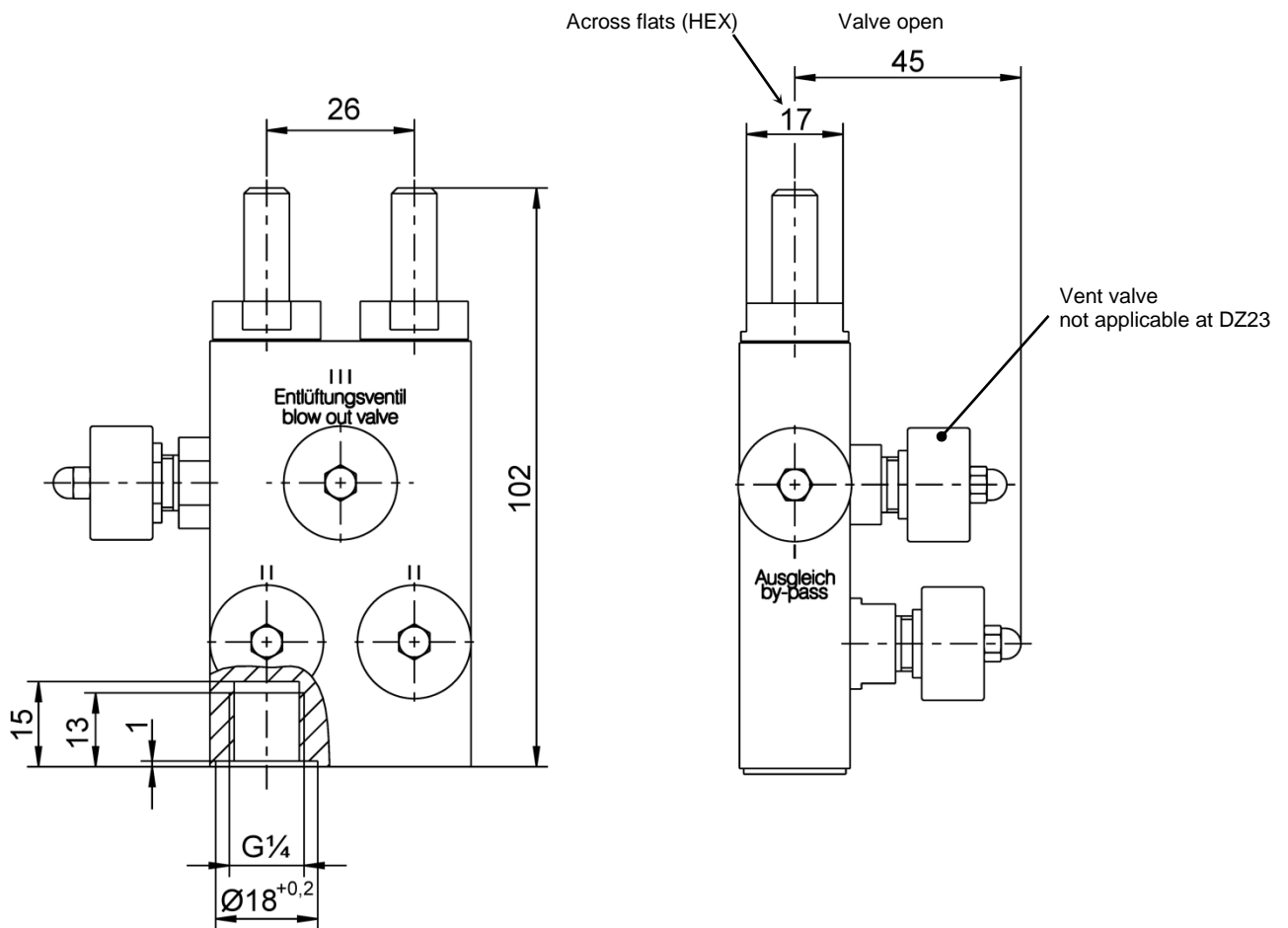
DZ24 (with vent valve)



Technische Daten

	General
Admissible ambient temperature	-30 ... +70 °C
Admissible media temperature	-30 ... +70 °C
Admissible storage temperature	-50 ... +80 °C
Nominal pressure	PN40
Nominal diameter	DN3
	Pressure connection
on process side	See ordering code
on device side	connection shank Ø8 mm
	Materials
casing/ contact with media	Aluminium, Brass (CuZn40Pb2) or CrNi-Steel 1.4301 and 1.4404
Hand wheels	Brass nickel-plated (can be lead sealed or dismantled)
O-rings	FKM
	Assembly
	Direct assembly to the transmitter
	Additional boreholes for attaching a vertical support

Dimensioned drawing DZ23/DZ24 (All dimensions in mm unless otherwise specified)



Order Code

Three- resp. four-spindle compensating and shut-off valve

Type DZ

		0	0	H			
--	--	---	---	---	--	--	--

Type

Three-spindle compensating and shut-off valve.....> 2 3
 Four-spindle compensating and shut-off valve.....> 2 4
 with vent valve

Nominal pressure

PN40.....> H

Casing material

Aluminium> A
 Brass CuZn40Pb2.....> M
 CrNi Steel 1.4301> U

Pressure connection (on process side)

Inner thread G1/4> 0 1
 Connection shanks with external thread G1/4 B, Brass> 0 6
 Connection shanks with external thread G1/4 B, 1.4571.....> 1 1
 Cutting ring screw connection made of Steel for 6 mm pipe.....> 2 0
 Cutting ring screw connection made of Steel for 8 mm pipe.....> 2 1
 Cutting ring screw connection made of Steel for 10 mm pipe.....> 2 2
 Cutting ring screw connection made of Steel for 12 mm pipe.....> 2 3
 Cutting ring screw connection made of 1.4571 for 6 mm pipe.....> 2 4
 Cutting ring screw connection made of 1.4571 for 8 mm pipe.....> 2 5
 Cutting ring screw connection made of 1.4571 for 10 mm pipe.....> 2 6
 Cutting ring screw connection made of 1.4571 for 12 mm pipe.....> 2 7
 Cutting ring screw connection made of Brass for 6 mm pipe.....> 2 8
 Cutting ring screw connection made of Brass for 8 mm pipe.....> 2 9
 Cutting ring screw connection made of Brass for 10 mm pipe.....> 3 0

