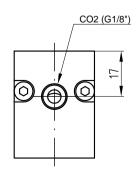
BVE CO2-input at the top: 18 _ .5 _ ca. 18_ 2 ω. (\circ) 0 7 30 20 43 33 place requirement CA (G1/8") CO2 (G1/8") control slider

BVE CO2-input on the side:



Description of function:

The pressurising valve BVE is used when a RWA-cylinder will be towed for daily ventilation through ventialtion actuator or pneumatic ventilation cylinder (own line for ventilation cylinder). The BVE will be mounted into line to the RWA-cylinder and effects that the RWA-cylinder is exhaust during ventilation operations. So there is also a pressure compensation in the lines of the RWA-cylinder to avoid an unintended opening caused of a pressure rise through temperature fluctuation. If the pressure at CO2 input is higher than the min. pressure, the BVE interconnects from input CO2 to outlet CA. If the pressure is lower than the min. pressure, the BVE switch back through spring force in home position and ventilates the on CA connected line.

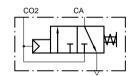
Mounting:

- 1) Join connections as follows:
- CARWA-cylinder
- CO2input CO2
- 2) Variable mounting position. Make sure that the required place for the control slider is available.
- 3) For our 1/8" connection threads we recommend to use screw connections with taper thread and to seal these in position using a liquid sealant (e.g. Loctite 243). It must be ensured that the liquid sealant is applied to the external thread.

Technical Data:

max. static housing pressure	80bar
max. dynamic operating pressure	80bar
nominal width of valve	4mm
min. pressure of CO2 input	5bar
ambient temperature range	-25°C - +80°C (2h 110°C)

Circuit diagramm:



Ordering versions:

- BVE CO2-Eingang oben
- BVE CO2-Eingang seitlich

Tolerance	Sca	ale 1:1	Material	
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Simetzberger	1/2	A3	Pressurising valve single-pipe	Data sheet
Approved	Issue Date		BVE	Document State
GH	09.12.2015			Valid
Grasl				Document Number
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