

Diese Zeichnung ist Eigentum der
Fa. Grasl GmbH A-3454 Reidling, Europastra 1
Die Weiterverwendung oder Vervielflti-
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Description of function:

The hand lever valve HH5/2 is a 5/2 way piston slide valve with mounted priority valve VVAZ for manual controlling the RWA- or ventilation cylinder OPEN / CLOSE. The valve can be controlled pneumatic OPEN / CLOSE by pneumatic add-on components (PA / PZ), whereby a add-on component can have optionally also priority over the other (PAV / PZV). There is no manual operating possible as long as a add-on component is activated.

If there is a pressure on the connection CO2-A which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-A with the output CA and exhaust the connection CZ at the same time.
If there is a pressure on the connection CO2-Z which is higher than the min. release pressure, the priority valve VVAZ switch, connect the input CO2-Z with the output CZ and exhaust the connection CA at the same time.
All ventilation operations are disable as long as the connections CO2-A and CO2-Z aren't exhausted and the priority valve will be reseted with both reset buttons.

Operation:

- 1.) Manual operation by using the hand lever.
hand lever up = OPEN
hand lever down = CLOSE
- 2.) Pneumatic operation by applying the min. release pressure.
- 3.) Pneumatic operation PRIORITY OPEN / CLOSE by applying the minimum release pressure on CO2-A / CO2-Z.

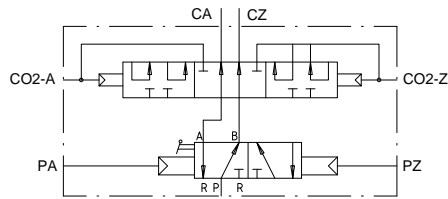
Installation:

- 1.) Variable mounting position
- 2.) Join connections as follows:
P Compressed air
CA Pneumatic cylinder OPEN
CZ Pneumatic cylinder OPEN
PA / PAV Pneumatic remote control: VENTILATION OPEN
PZ / PZV Pneumatic remote control: VENTILATION CLOSE
CO2-A Pneumatic remote control: PRIORITY OPEN
CO2-Z Pneumatic remote control: PRIORITY CLOSE

Technical data:

max. operating pressure	16bar
min. release pressure by PA/PZ	3bar
min. release pressure by PAV/PZV	2bar
min. release pressure by CO2	4bar
nominal width of valve	4mm
ambient temperature range	-15°C - +55°C

Pneumatic symbol:



Ordering example:

HH5/2 - VVAZ - PA - PZ

GRASL Pneumatic-Mechanik GmbH A-3454 Reidling, Europastra 1			Freimatoleranz nach DIN 7168:		Mastab: 1:1	Werkstoff:
					ID - Nr.:	
					Bezeichnung:	
					Data sheet	
					Hand lever valve HH 5/2 - VVAZ	
					with pneumatic add-on component OPEN/CLOSE	
					Zeichnung Nr.:	
					04.007.DAT.14.02-E	
					Blatt	
					BL.	
					(Ers.f.)	
					04.007.DAT.14.01	
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					fachlich geprft am	
					29.5.2002 KW	