



**Discharge capacities**

Calculation of mass flow acc. to AD2000-Merkblatt A2 / DIN EN ISO 4126-1

Medium:

**Air** in m<sup>3</sup>/h at 0°C and 1013.25 mbar

The capacity indicated below is for a fully opened valve.

d<sub>0</sub> - orifice

A<sub>0</sub> - flow area

Set pressure in bar (ü)	GW	1/4	3/8	1/2
	d <sub>0</sub> (mm)	6.0	6.0	6.0
	A <sub>0</sub> (mm <sup>2</sup> )	28.3	28.3	28.3
Medium		Air		
1.0		15.4	15.4	15.4
2.0		25.9	25.9	25.9
3.0		34.8	34.8	34.8
4.0		43.7	43.7	43.7
5.0		52.6	52.6	52.6
6.0		60.9	60.9	60.9
7.0		70.4	70.4	70.4
8.0		79.3	79.3	79.3
9.0		88.1	88.1	88.1
10.0		97.0	97.0	97.0
12.0		114.8	114.8	114.8
14.0		132.6	132.6	132.6
16.0		150.4	150.4	150.4
18.0		168.2	168.2	168.2
20.0		186.0	186.0	186.0
22.0		203.8	203.8	203.8
24.0		221.6	221.6	221.6
26.0		239.4	239.4	239.4
28.0		257.2	257.2	257.2
30.0		275.0	275.0	275.0
32.0		292.8	292.8	292.8
34.0		310.5	310.5	310.5
36.0		328.3	328.3	328.3
38.0		346.1	346.1	346.1
40.0		363.9	363.9	363.9
42.0		381.7	381.7	381.7
45.0		408.4	408.4	408.4