

VAG DUOJET® 264 Automatic Air Valve

single chamber, double orifice, triple function



Water

PN 10/16/25
DN 50...200



Product Features

- Single chamber, double orifice triple function air valve
- Operated by the flow medium
- Triple function
 - large orifice for release and intake of big air volumes
 - small orifice for release of small air volumes during operation under full operation pressure
- High discharge capacity up to sound velocity by means of stabilised float
- Final Inspection Tests acc. to EN 12266 (DIN 3230 part 4)

Materials

- Body and bonnet of ductile iron EN - JS 1030 (GGG-40)
- All internal parts and bonnet screws of stainless steel (except float for DN 50 which is of Polypropylen)
- Gaskets and seal of EPDM

Corrosion Protection

- Inside and outside epoxy coated

Field of Application

- Max. operating temperature: 50°C
- Minimum pressure for sealing of small orifice 0,3 bar

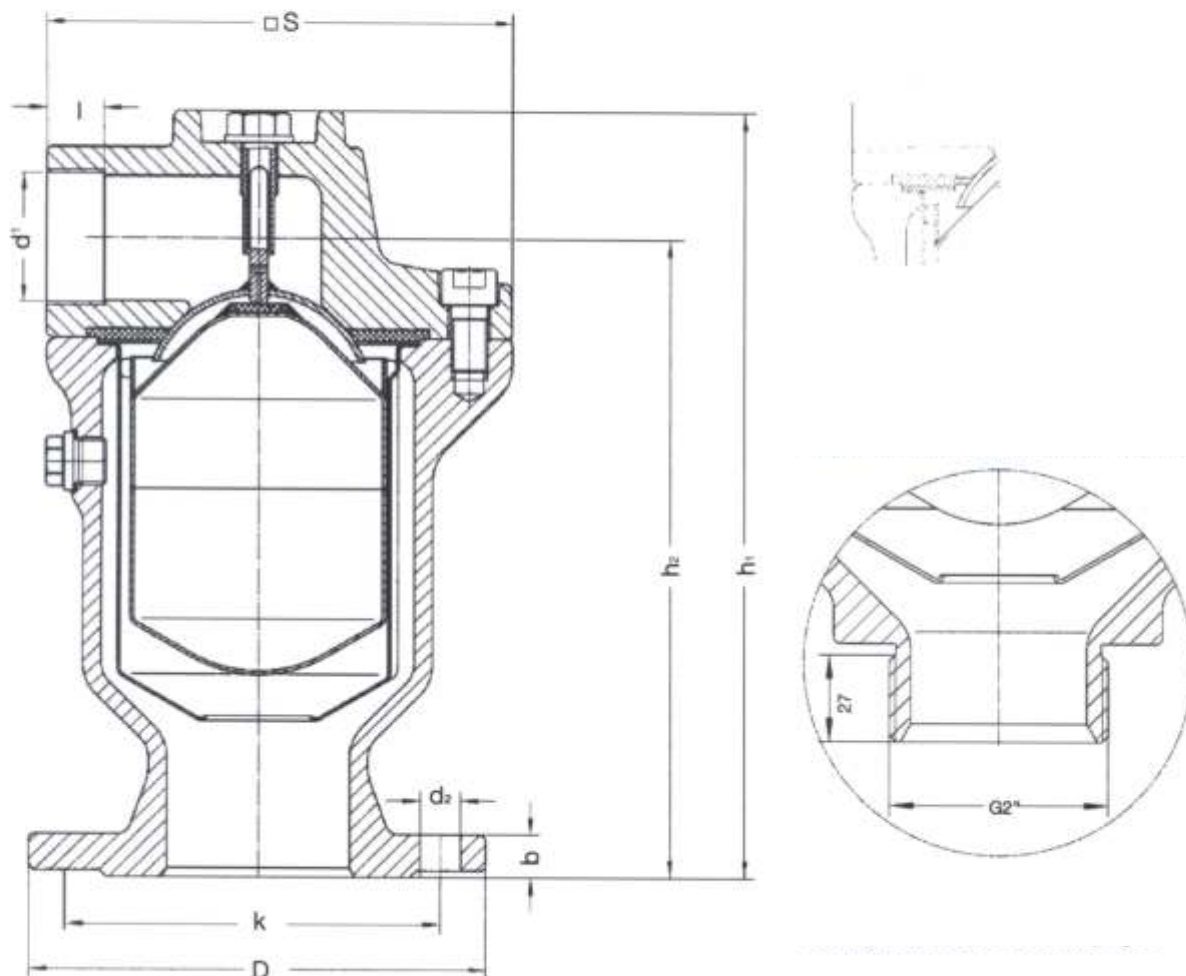
Alternatives

- PN 40
- For ANSI flanges
- For pressures between 0,1...1 bar special seal
- DN 50 - PN 25 version with thread connection G2"
- With sound absorber

For information about installation, commissioning, operating and maintenance we kindly refer to **KAT 1912-B**.

DN mm	PN bar	Max. operating pressure bar	Max. operating temperature for neutral liquids °C	Test pressure in bar for water in body and seat
200	10	10	50	15
50...200	16	16	50	24
50...200	25	25	50	37.5

Dimensions / weights



Dimensions in mm		50	50	80	100	150	200	
DN		50	50	80	100	150	200	
	d ₁ DIN-ISO 228-1	G 1 1/4"	G 2"	G 2"	G 2 1/2"	G 4"	G 4"	
	h ₁	280	340	340	380	510	510	
	h ₂	240	282	282	317	423	423	
	S	160	185	185	205	260	260	
	t	20	25	25	30	40	40	
	Net weight kg =	15	25	25	28	56	75	
	Volume req. m ³ =	0.010	0.015	0.015	0.020	0.040	0.040	
Flange dimensions to EN 1092-2	PN 10	No. of holes						8
	PN 16	for all other dimensions see PN 16						8
		D	165	165	200	220	285	340
		k	125	125	160	180	240	295
		No. of holes	4	4	8	8	8	12
		d ₂	18	18	18	18	22	22
		b	19	19	19	19	19	20
	PN 25	D	-	165	200	235	300	360
		k	-	125	160	190	250	310
		No. of holes	-	4	8	8	8	12
	d ₂	-	18	18	22	26	26	
	b	-	19	19	19	20	22	

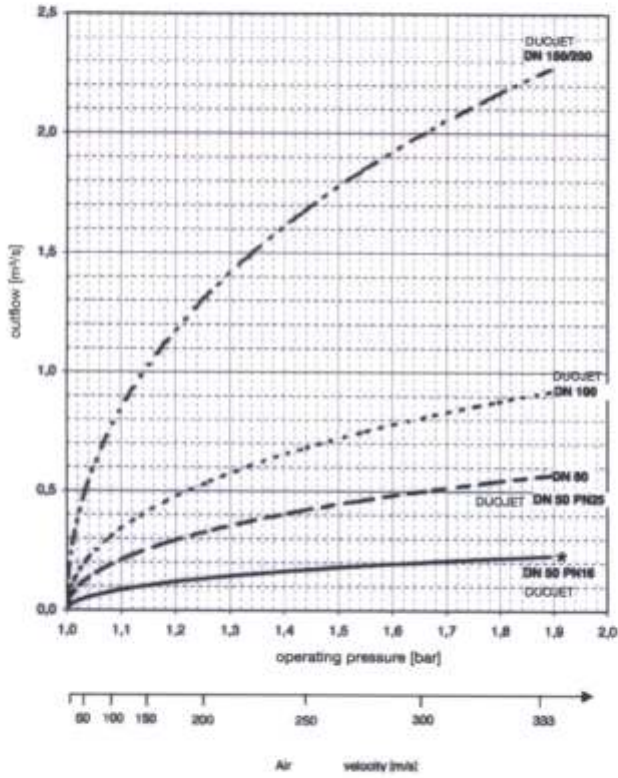
DN 50 - PN 16: d₁ = G1 1/4"; DN 50 - PN 16: d₂ = G 2



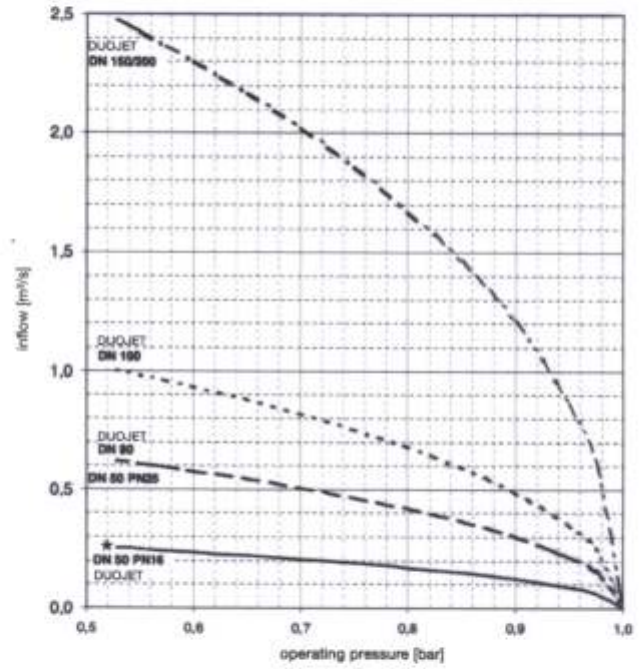
Air release and air intake

Attention: Higher flow capacity on request!

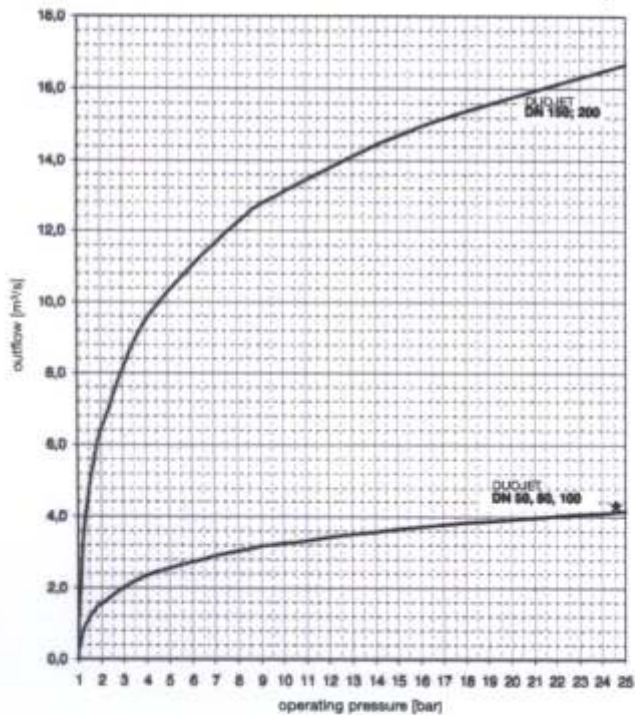
Rate of air release
 (large orifice)



Rate of air intake
 (large orifice)



Rate of air release
 (Small orifice for air release of small air volumes under full operation pressure)



* BEV Automatic air valve DN 50/80