

## Technical data sheet

### Type VE320

#### Triple function air valve for clear water

#### Applications and special features



- Automatically and continuously relieves air and gases that accumulate in high points of installations.
- Release or inflow of air through the large air orifice when filling or emptying the installation.
- Epoxy coating inside/outside.
- The stop valve allows the maintenance without emptying the installation.

#### Technical description

DN		PN	PFA bar	Cat.	References	Vvs-nr
"	mm					
2 1/4	40-50-60	10/16	16	I	149B 5884	
2 1/2	65	10/16	16	I	149B 5885	
3	80	10/16	16	I	149B 5886	
4	100	10/16	16	I	149B 5887	

With stop valve : (for other DN, please consult us)

DN		PN	PFA bar	Cat.	References	Vvs-nr
"	mm					
2 1/4	40-50-60	10/16	16	I	149B 5884R	
2 1/2	65	10/16	16	I	149B 5885R	

DN		PN	PFA bar	Cat.	References	Vvs-nr
"	mm					
2 1/4	40-50-60	25	25	I	149B 009166	
2 1/2	65	25	25	I	149B 009168	
3	80	25	25	I	149B 009170	
4	100	25	25	I	149B 009171	

With stop valve : (for other DN, please consult us)

DN		PN	PFA bar	Cat.	References	Vvs-nr
"	mm					
2 1/4	40-50-60	25	25	I	149B 009167	
2 1/2	65	25	25	I	149B 009169	

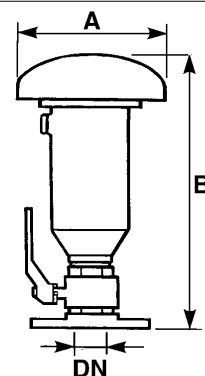
- **Connection** : Flanges drilled PN - See table
- **Permissible operating pressure PFA - water-** (for supply, distribution and disposal of water) : See table
- **θ** : Mini. 0 °C  
Maxi. 60 °C
- **Mediums** : clear water
- **Approvals** : ACS
- **International construction Standards:**  
Flange drilling according EN1092-2

#### Overall dimensions

DN		For pipe Ø mm	A mm	B mm	Weight kg
"	mm				
2 1/4	40-50-60	≤ 200	200	320	12
2 1/2	65	≤ 200	200	320	12
3	80	≤ 500	225	320	19
4	100	≤ 1000	255	370	22

With stop valve : (for other DN, please consult us)

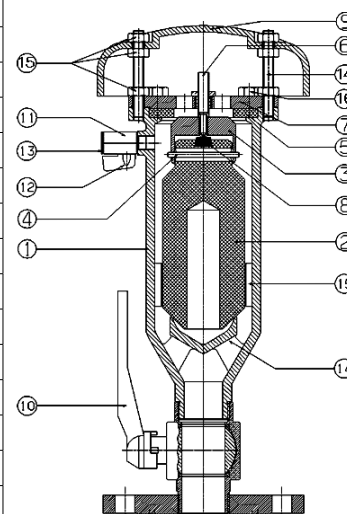
DN		For pipe Ø mm	A mm	B mm	Weight kg
"	mm				
2 1/4	40-50-60	≤ 200	200	460	13
2 1/2	65	≤ 200	200	460	13



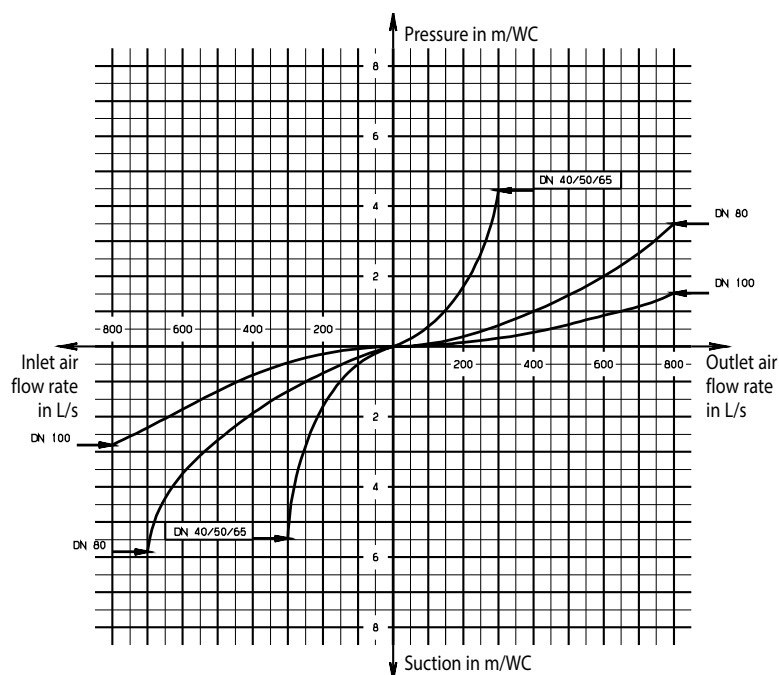
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### Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	Cast iron + epoxy	EN-GJL-250	ASTM A 48 35 B
2	FLOAT	PE (polyethylene)		
3	CLOSING SYSTEM	PVC		
4	STEM	PA (polyamide)		
5	SEAL	Polyurethane		
5	SEAL DN100	NBR (nitrile)		
6	DRAIN	Stainless steel	X5CrNiMo17-12-2	AISI 316
7	UPPER PLATE	Steel + epoxy		
8	SEAL	NBR (nitrile)		
9	CAP	Cast iron + epoxy	EN-GJL-250	ASTM A 48 35 B
10	BALL VALVE M/F	Chrome plated brass	CuZn40Pb3	
11	PLUG	Brass	CuZn40Pb3	
12	BALL VALVE M/F	Chrome plated brass	CuZn40Pb3	
13	PROTECT. CAP	PE (polyethylene)		
14	ROD	Stainless steel	X5CrNi18-10	AISI 304
15	NUT	Stainless steel	X5CrNi18-10	AISI 304
16	NUT	Stainless steel	X5CrNi18-10	AISI 304



### Flow/pressure graph



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