

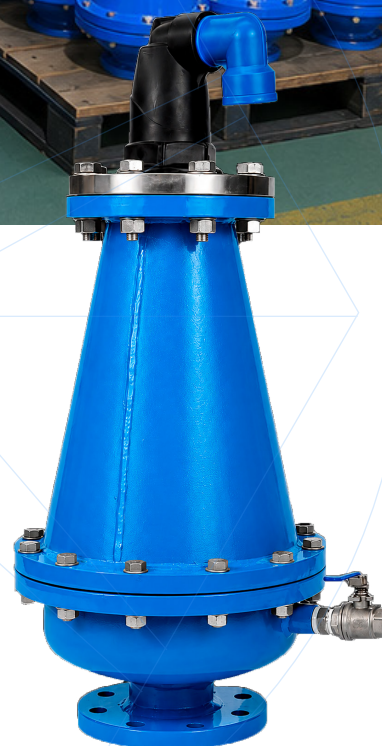


DAVINCI TECHNICAL DATA GUIDE

# AUTOMATIC CONTROL VALVES

## AIR RELEASE VALVES FOR SEWAGE WATER

Ref. 175A-TUS / PN 10-16



### Application

Waste water treatment plants  
Pumping stations  
Irrigation systems

### Approvals/Standards

Mounting flange: PN10/16 EN 1092-2, ISO 7005-2.  
Thread of ball valve: BSP / ISO 228-1.  
Pressure Tests acc. to EN 12266-1 Rate A. GB/T13927-1992  
Pressure Tests: Seat: 1,1 x PN.  
EU directive 2014/68/EU.  
Products excluded, article 1, § 2b up to DN200.

### Certifications

CE

### Range

DN50-200, PN10-16

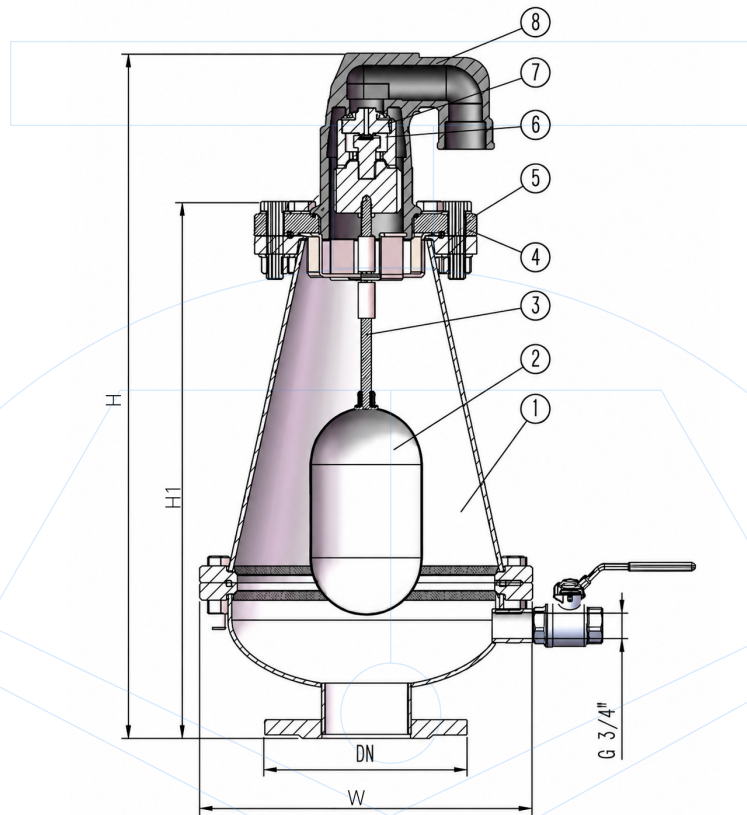


## GENERAL CHARACTERISTICS

Sizes DN50 to DN200.  
 Tripple effect air release valves.  
 Small orifice 4 mm diameter for high-speed venting.  
 Epoxy paint 250 microns.

## WORKING CONDITIONS

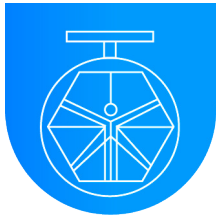
Pressure ratings: 1.0 Mpa, 1.6 Mpa.  
 Working temperature: -10°C + 90°C.  
 Flow media: Sewage.



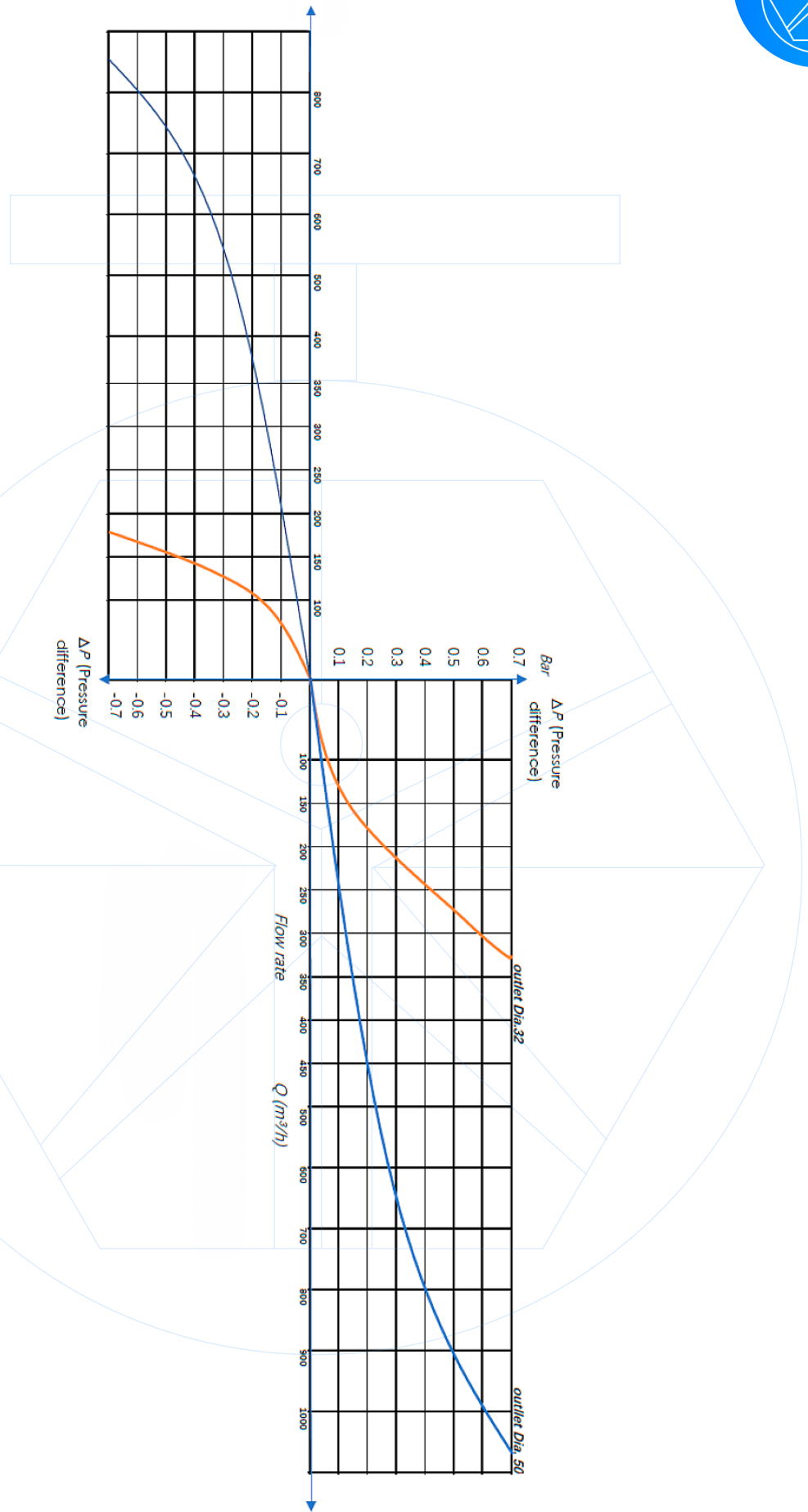
*Components may be replaced with materials of equivalent or superior grade without prior notice, in accordance with our continuous improvement policy.*

Nº	ITEM	MATERIAL
1	Body	Carbon steel / GJS400-15 / AISI 316L / Duplex
2	Float	AISI 304 / 316 / Duplex / Monel
3	Kinetic bar	AISI 304 / 316 / Duplex / Monel
4	Top flange	AISI 304 / UHMW
5	Gasket	NBR / FKM
6	Sealing seat	EPDM / NBR / FKM
7	Up vent float	UHMW
8	Up valve body	ABS / PA
	Painting	Epoxy 250 µm

DN	H	H1	W	Vent orifice area mm	Big orifice area mm
50	640	518	328	12.56	855/1965
80	640	518	328	12.56	855/1965
100	640	518	328	12.56	855/1965
150	640	518	328	12.56	855/1965
200	640	518	328	12.56	855/1965



## FLOW CAPACITY DIAGRAM





CONTACT US

# DAVINCI VALVES ORDER REQUEST

Ref. 175A-TUS / PN10-16



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