



# DVS-PY SUPPLY AIR VALVE

AIR MANAGEMENT SYSTEMS

## PRODUCT PROPERTIES

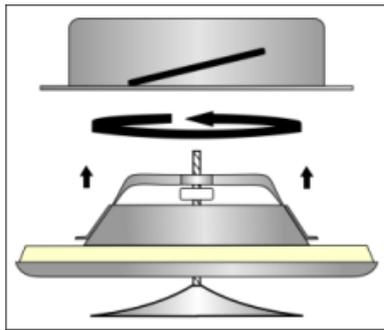
### Stainless steel valve including fixing collar

**DVS-PY** is a supply valve suitable for houses, offices etc.

- Good adjusting features
- Low noise level
- Quick and easy to install
- Airflow easy to measure

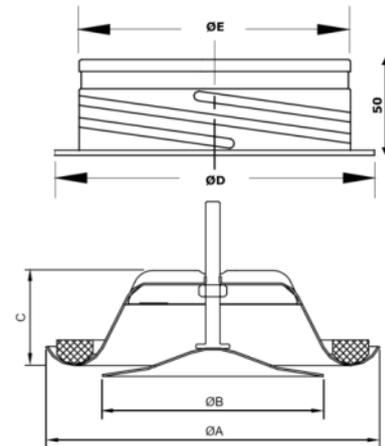
## CONSTRUCTION

The **DVS-PØY** is manufactured from Stainless steel alloy AISI304/2B. The valve body has a gasket, made of cellular plastic and the control disc, with screw spindle, enables easy regulation and positional locking. Fixing collar **DVS-FY** is manufactured from Stainless steel alloy AISI304/2B.



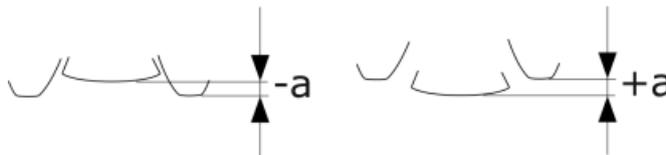
## DIMENSIONS in mm

DVS-PY	Ø 080	Ø 100	Ø 125	Ø 160	Ø200
A	116	140	166	209	248
B	80	91	112	148	196
C	40	40	46	54	59
W (gr)	122	165	226	334	520
D	105	125	150	185	225
E	79	99	124	159	199
W (gr)	74	89	112	165	212



## REGULATION AND MEASUREMENTS

Regulation of airflow is achieved by turning the control disc to change adjustment dimension a (mm). The measurement of airflow is made by a pressure difference measurement with a separate measuring tube. Refer to airflow measurement diagrams for information.



### LIABILITY:

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### PLEASE NOTICE:

The consultant is responsible for the actual installation and mounting of the product. The mentioned values with respect to temperatures are not appropriate to be used to determine the physical properties. These properties are also dependent on humidity and the temperature of the air inside and outside of the H.V.A.C. system.

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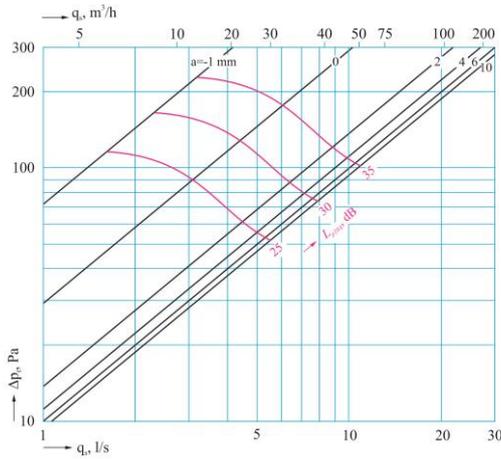




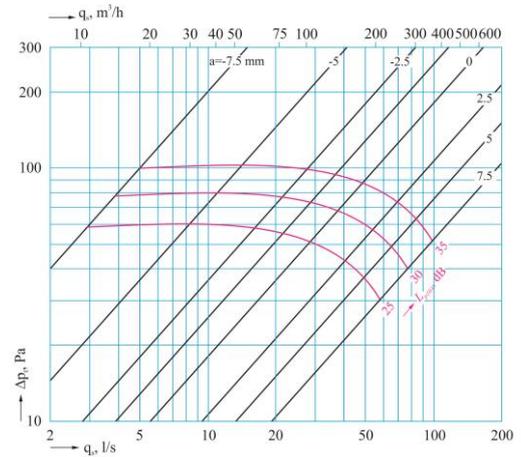
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AIR MANAGEMENT SYSTEMS

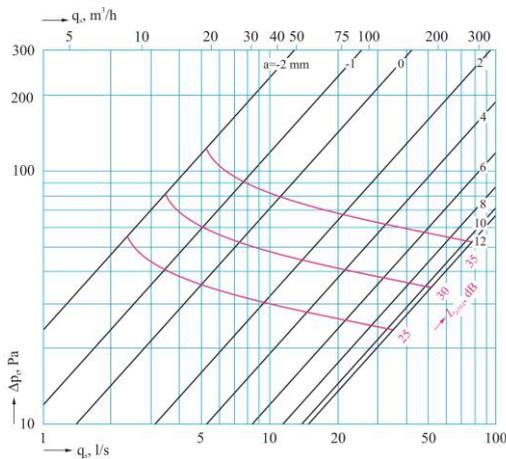
**DVS-PY -080 mm**



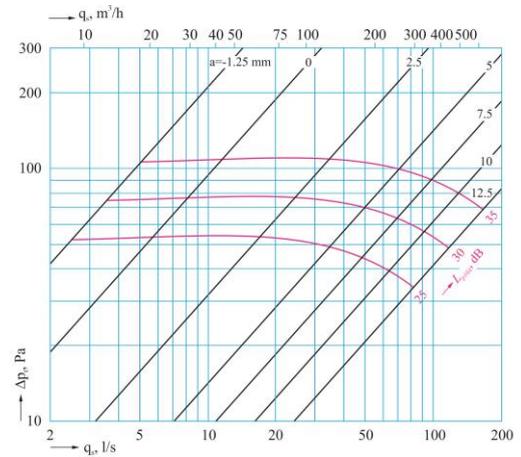
**DVS-P Y -160 mm**



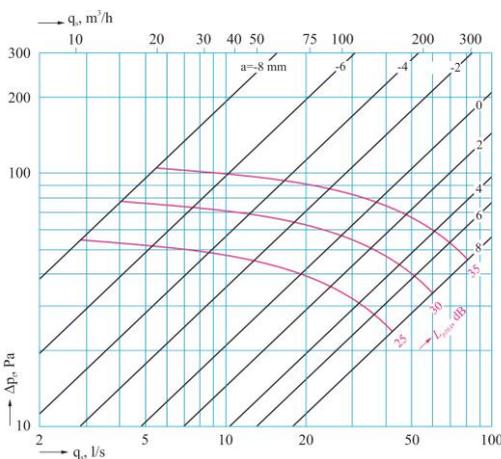
**DVS-P Y -100 mm**



**DVS-PY -200 mm**



**DVS-PY -125 mm**



**DEFINITIONS**

$q_v$	air volume	(m <sup>3</sup> /h)
$\Delta p_t$	total pressure drop	(Pa)
$L_{p10A}$	sound pressure level with 4 dB room attenuation (10 m <sup>2</sup> sab)	[dB(A)]

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