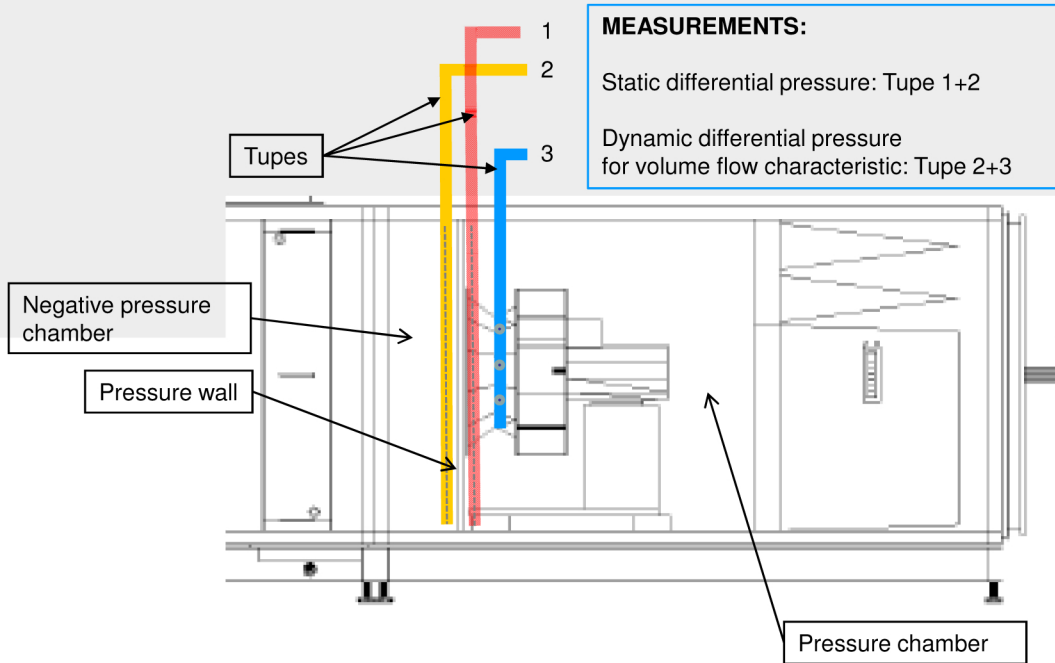


# Volume flow measurement



# Gebhardt - Flow measuring device IMV

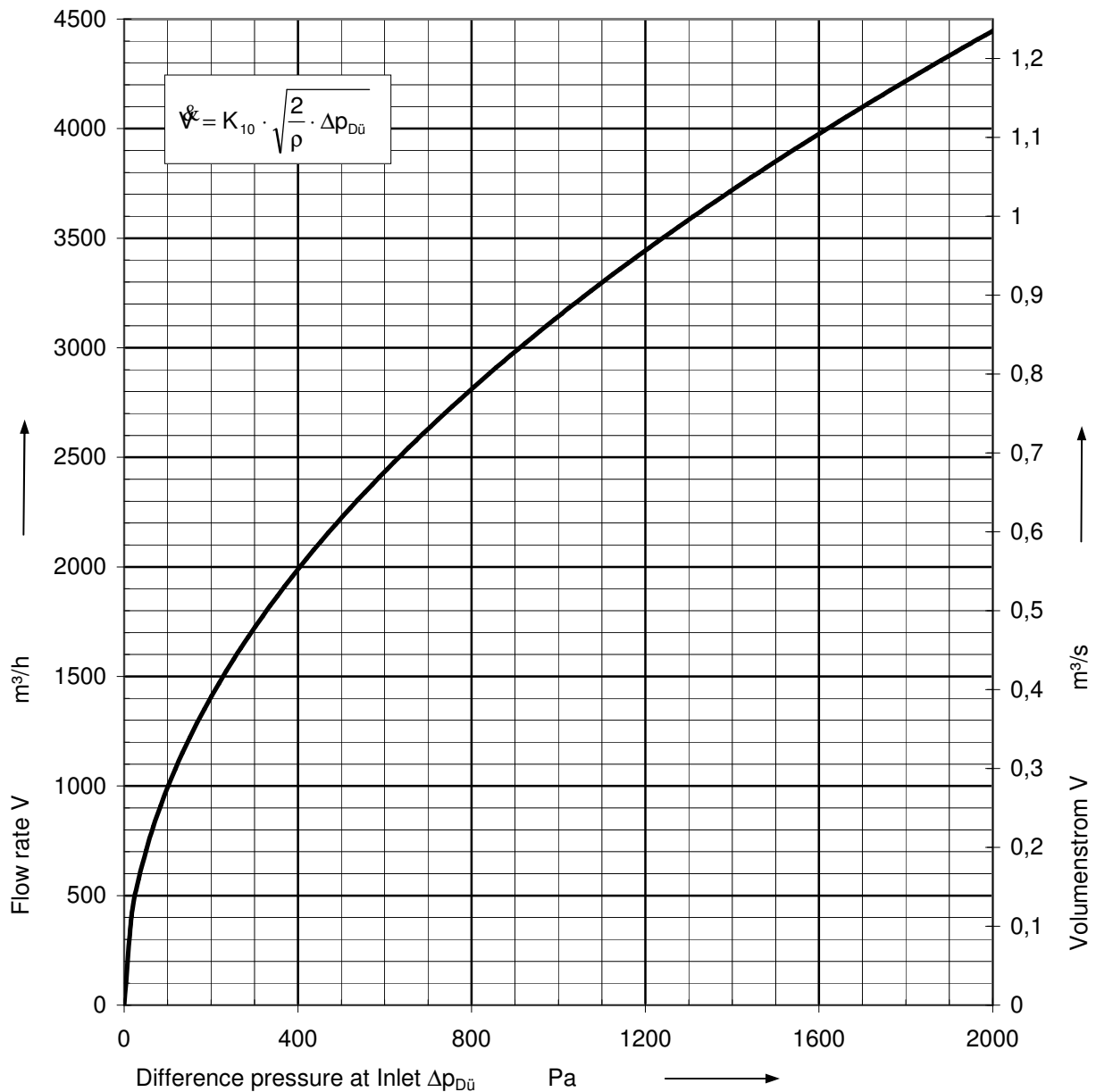
GebhardtVentilatoren

Fan **RLM 56.250**  
Impeller diameter 256 mm  
Inlet cone diameter 16-0250  
Remarus -

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D-74638 Waldenburg  
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Fax : +49 (0) 79 42 1 01-1 70

## Diagram for determination of volume

Volume flow depending on difference pressure at Inlet cone



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$

$K_{10}$  - Factor = 77 m²s/h

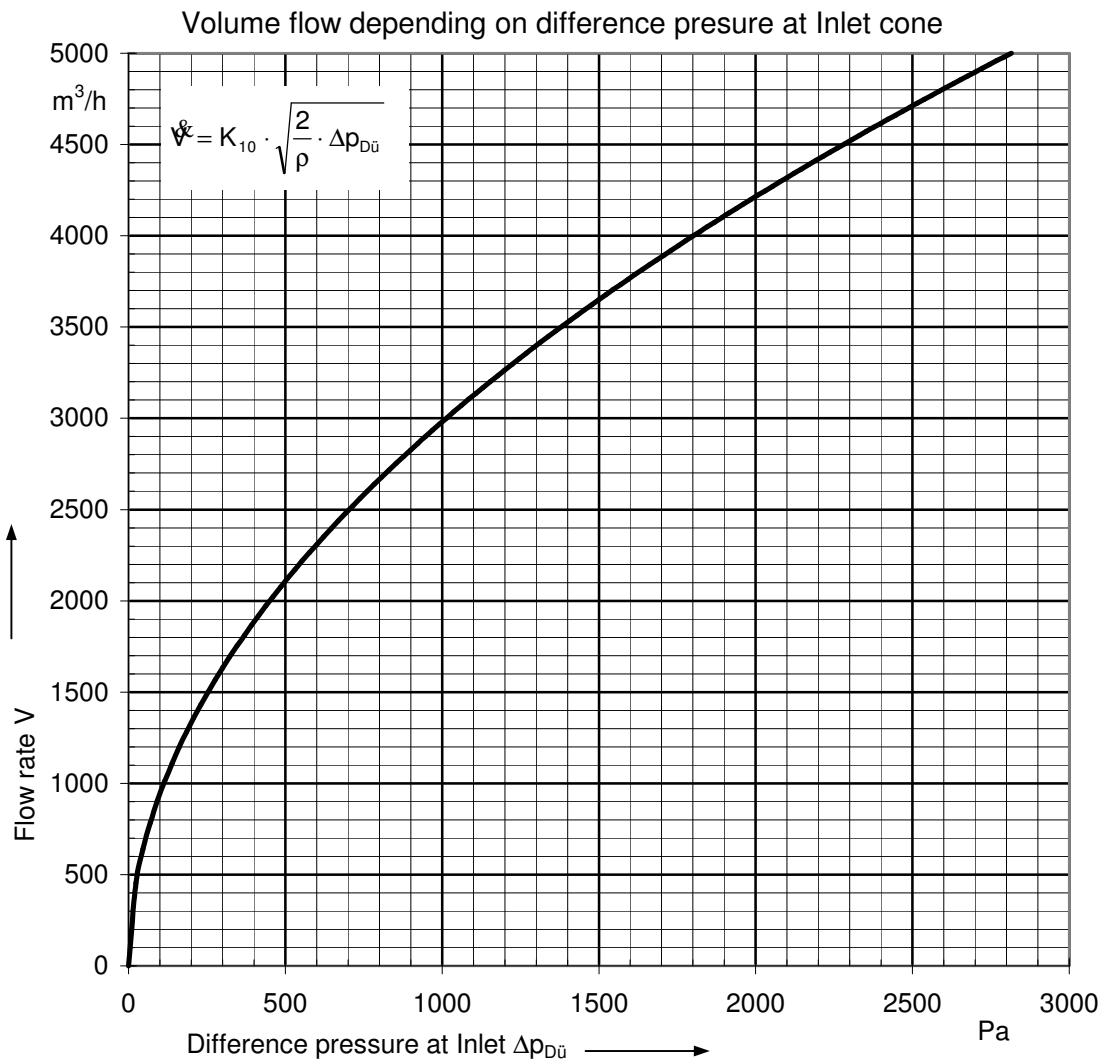
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.280
Impeller diameter	288 mm
Inlet cone diameter	180 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $73 \text{ m}^2\text{s/h}$

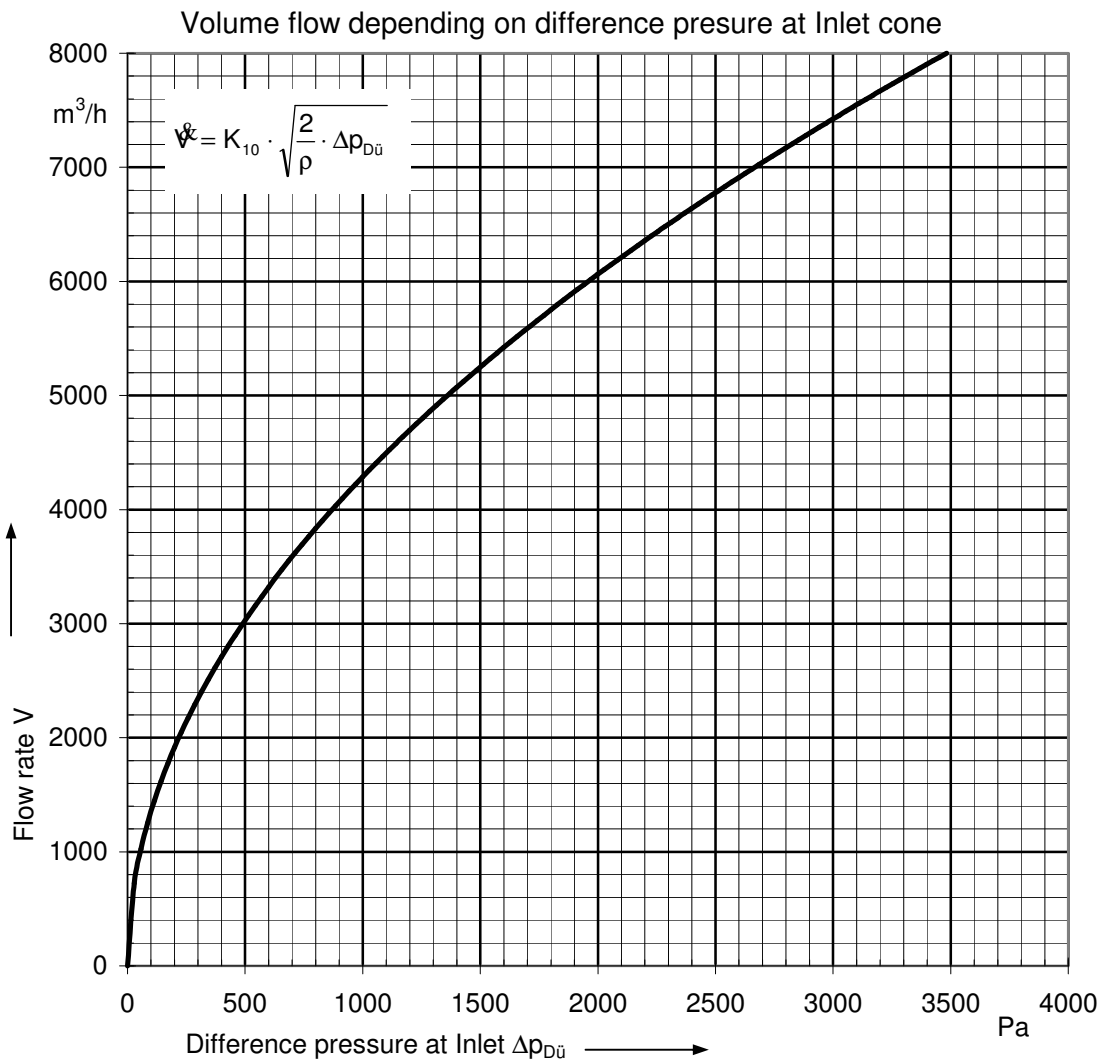
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.355
Impeller diameter	363 mm
Inlet cone diameter	228 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $105 \text{ m}^2\text{s/h}$

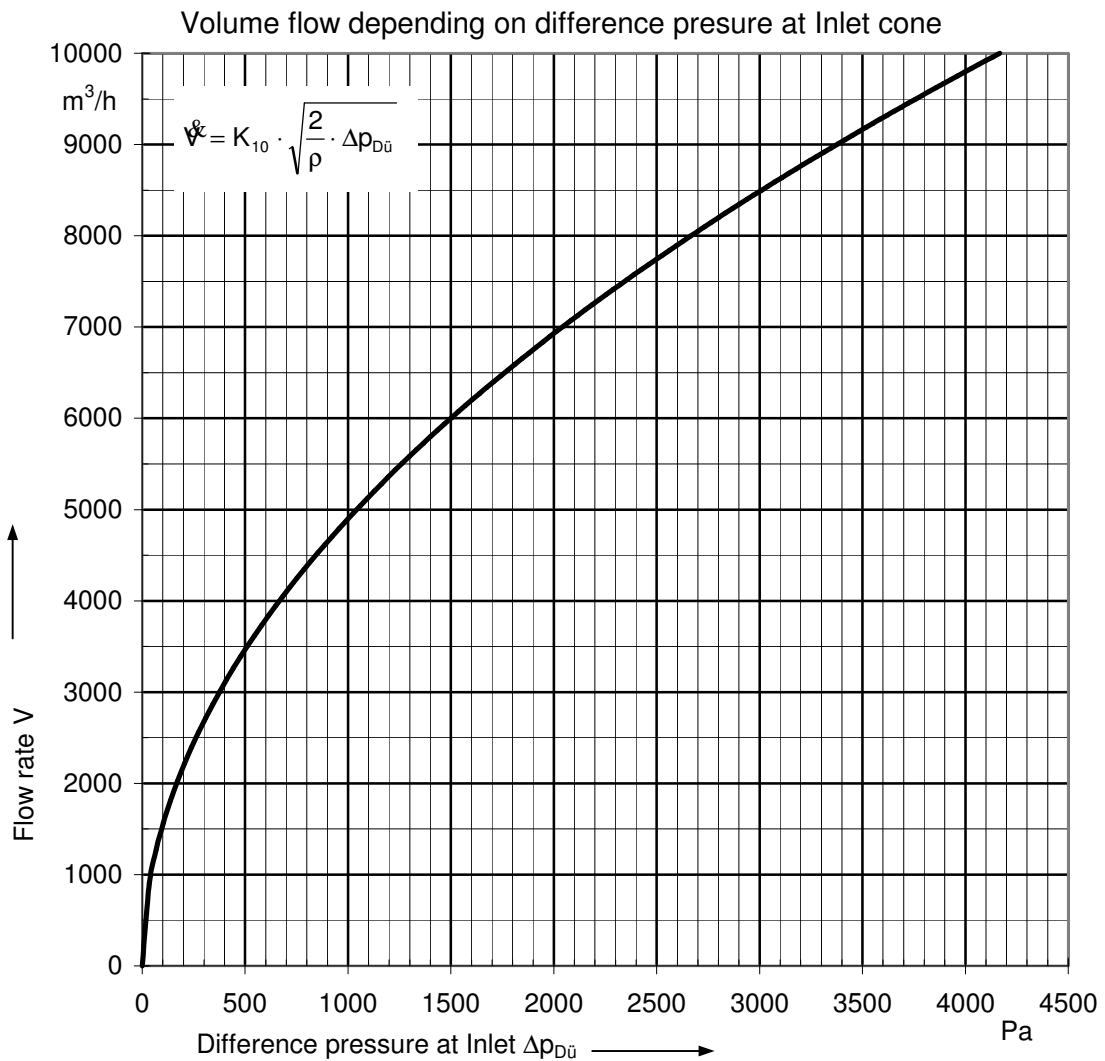
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.400
Impeller diameter	406 mm
Inlet cone diameter	257 mm
Remarus	-

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Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $120 \text{ m}^2/\text{s/h}$

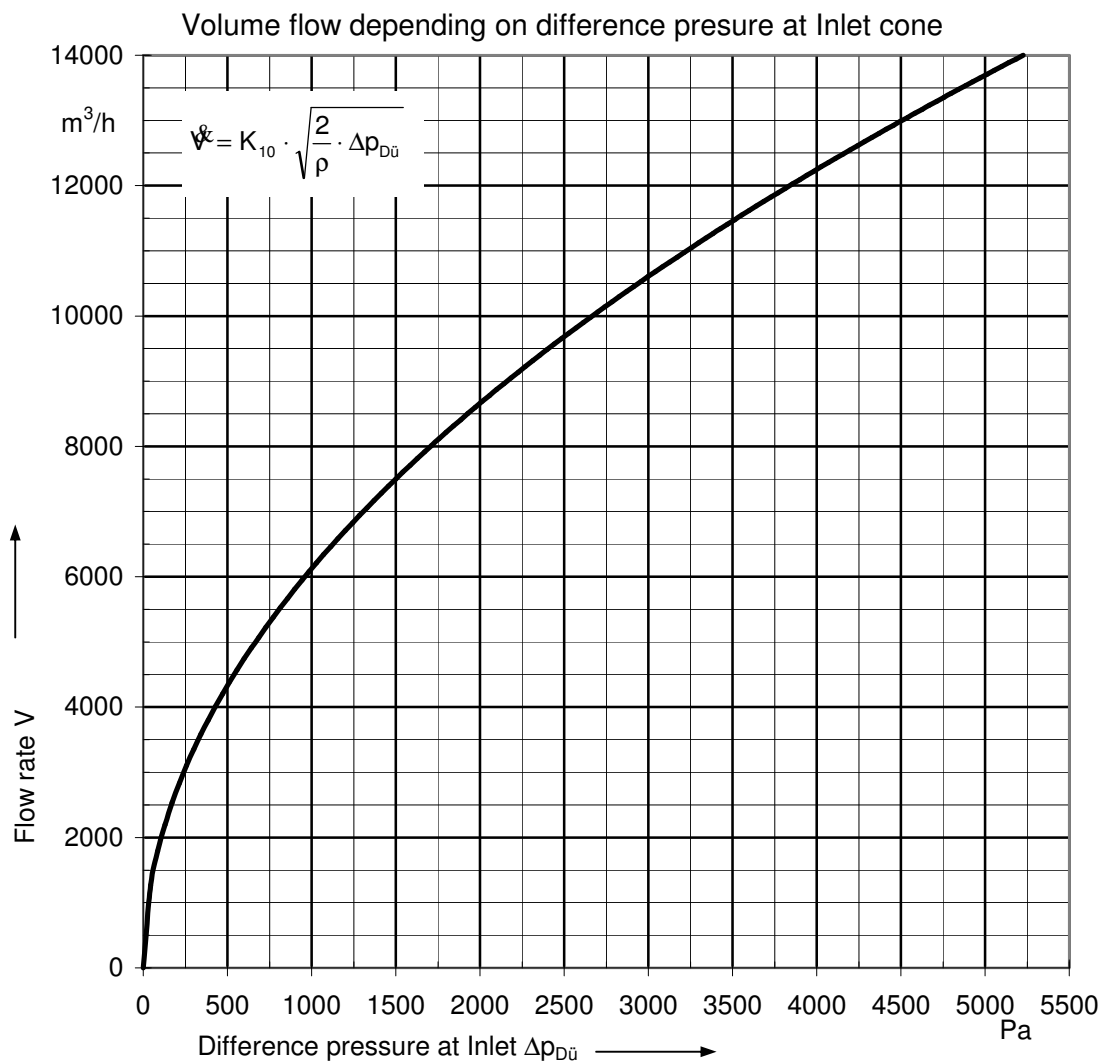
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.450
Impeller diameter	455 mm
Inlet cone diameter	289 mm
Remarus	-

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Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $150 \text{ m}^2\text{s/h}$

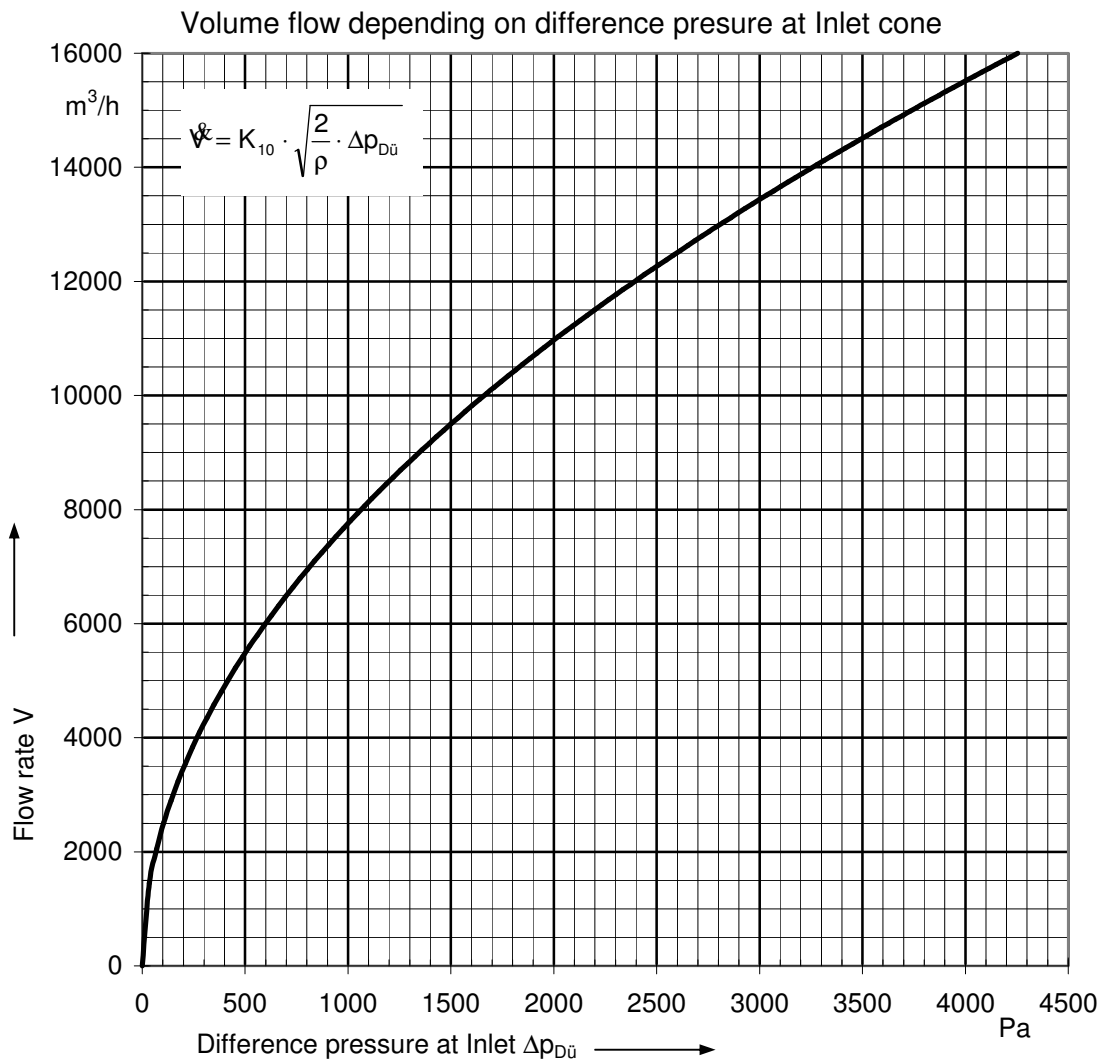
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.500
Impeller diameter	510 mm
Inlet cone diameter	325 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $190 \text{ m}^2\text{/s/h}$

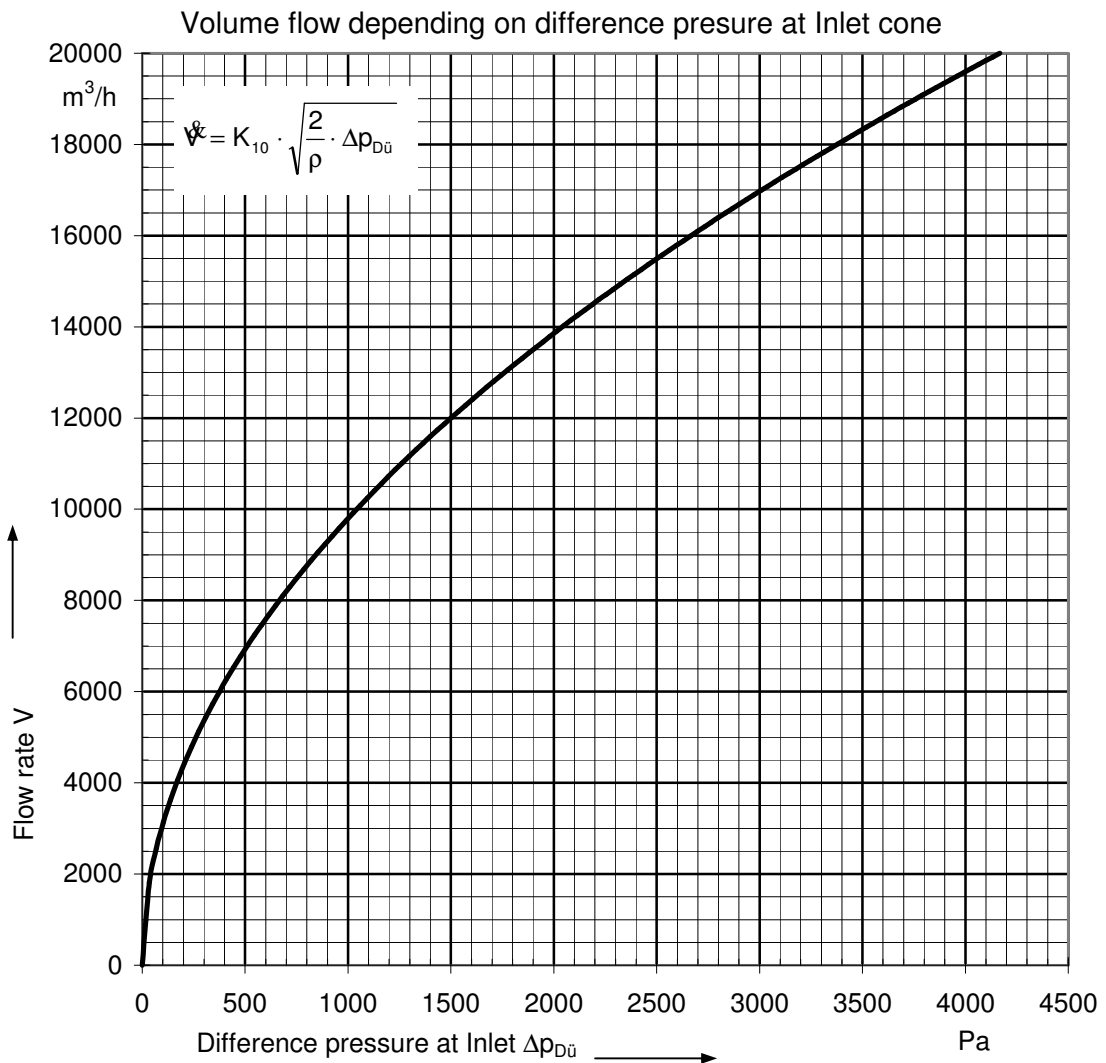
# Gebhardt - Flow measuring device IMV



Fan **RLM 56.560**  
Impeller diameter **570 mm**  
Inlet cone diameter **365 mm**  
Remarus **-**

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $240 \text{ m}^2\text{s/h}$



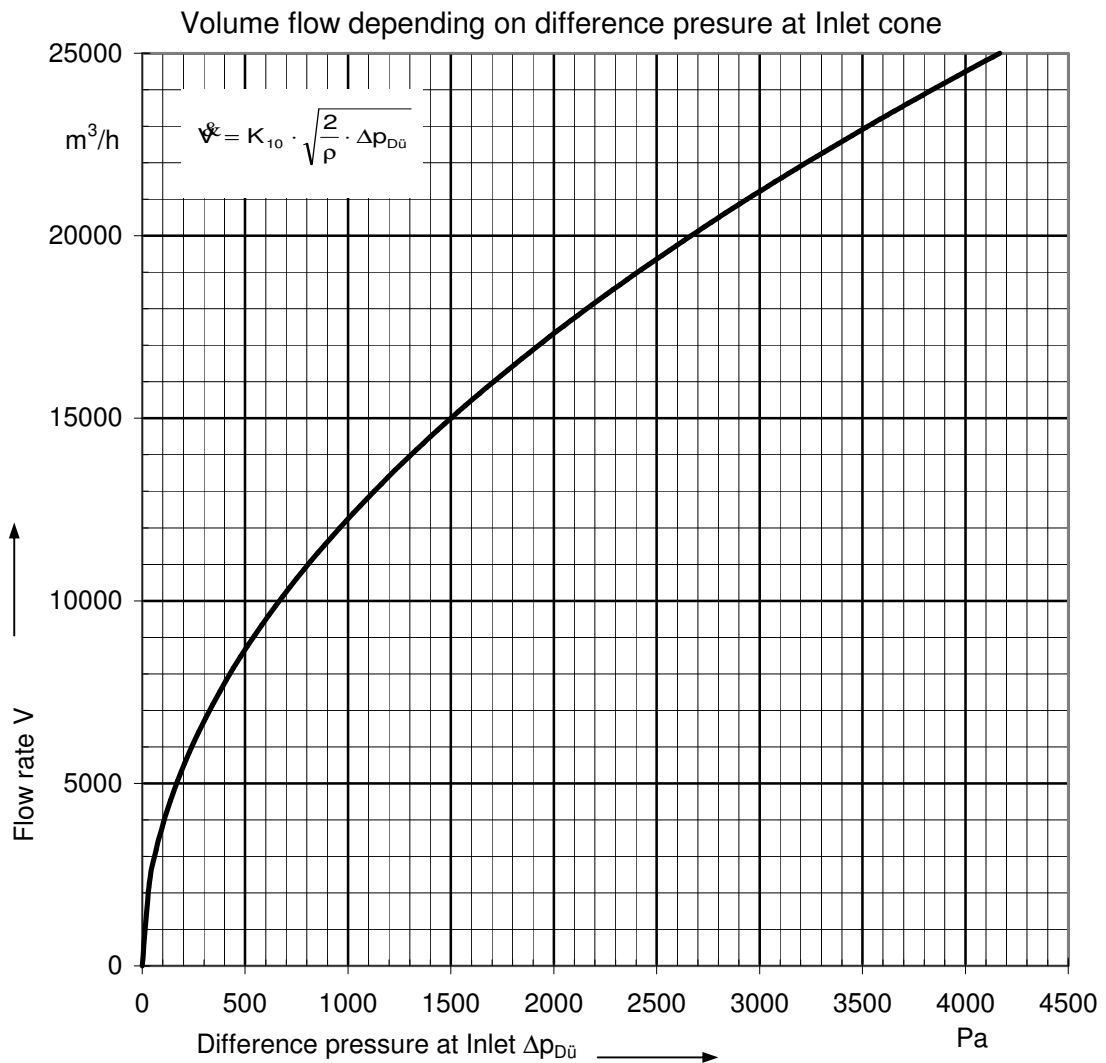
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.630
Impeller diameter	640 mm
Inlet cone diameter	410 mm
Remarus	-

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Tel. : (0 79 42) 1 01-0  
Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $300 \text{ m}^2\text{s/h}$

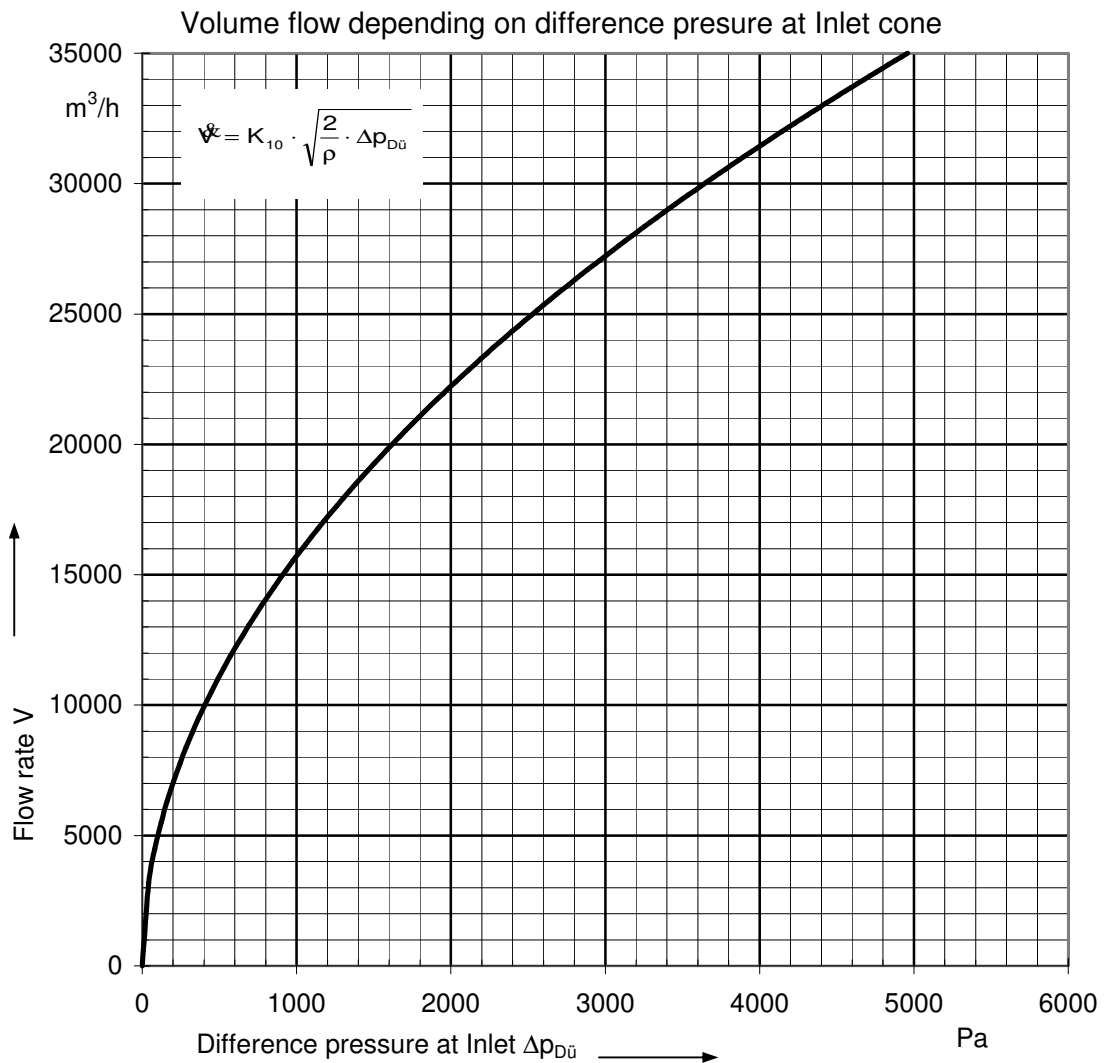
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.710
Impeller diameter	718 mm
Inlet cone diameter	460 mm
Remarus	-

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D-74638 Waldenburg  
Tel. : (0 79 42) 1 01-0  
Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $385 \text{ m}^2\text{s/h}$

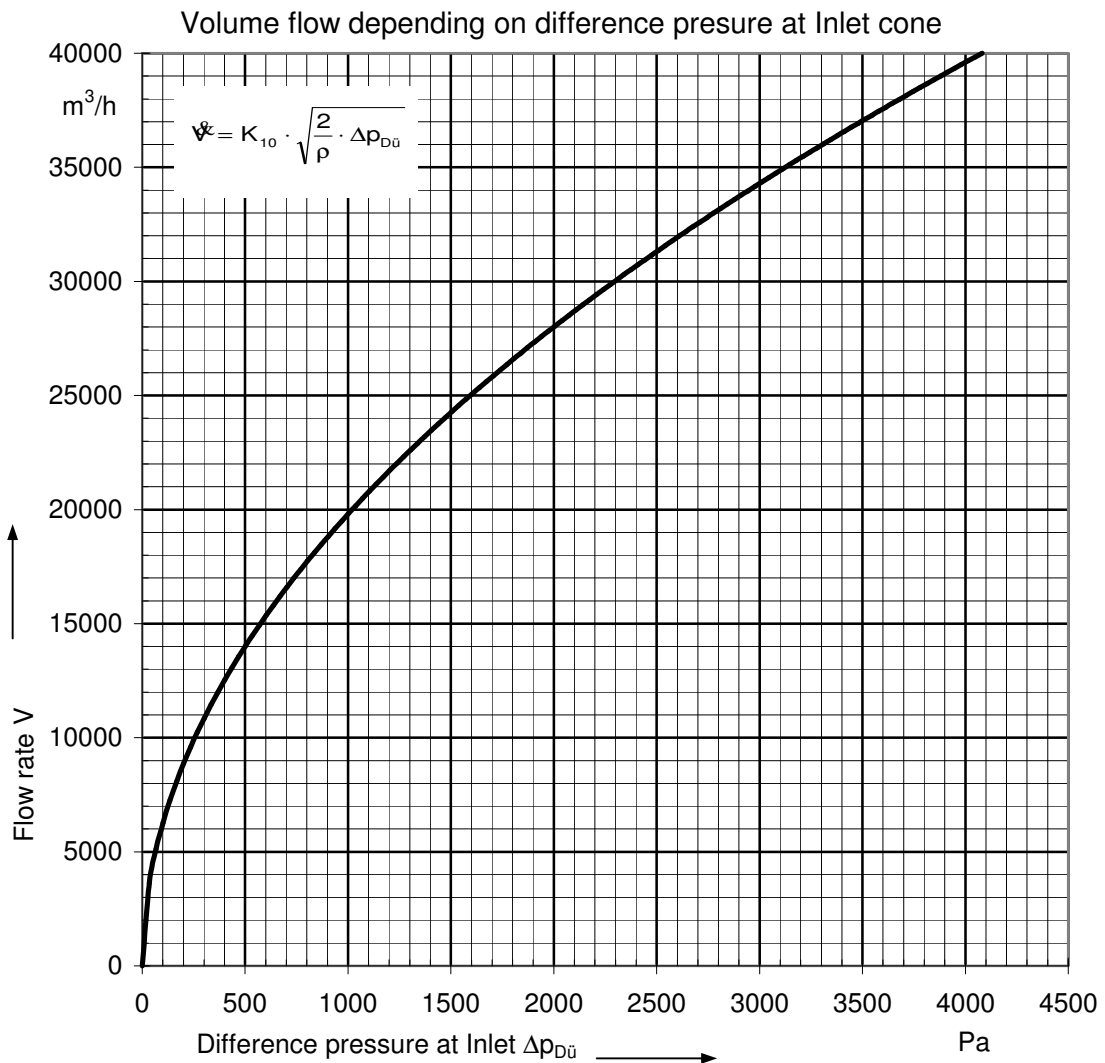
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.800
Impeller diameter	808 mm
Inlet cone diameter	516 mm
Remarus	-

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D-74638 Waldenburg  
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Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor = 485 m<sup>2</sup>s/h

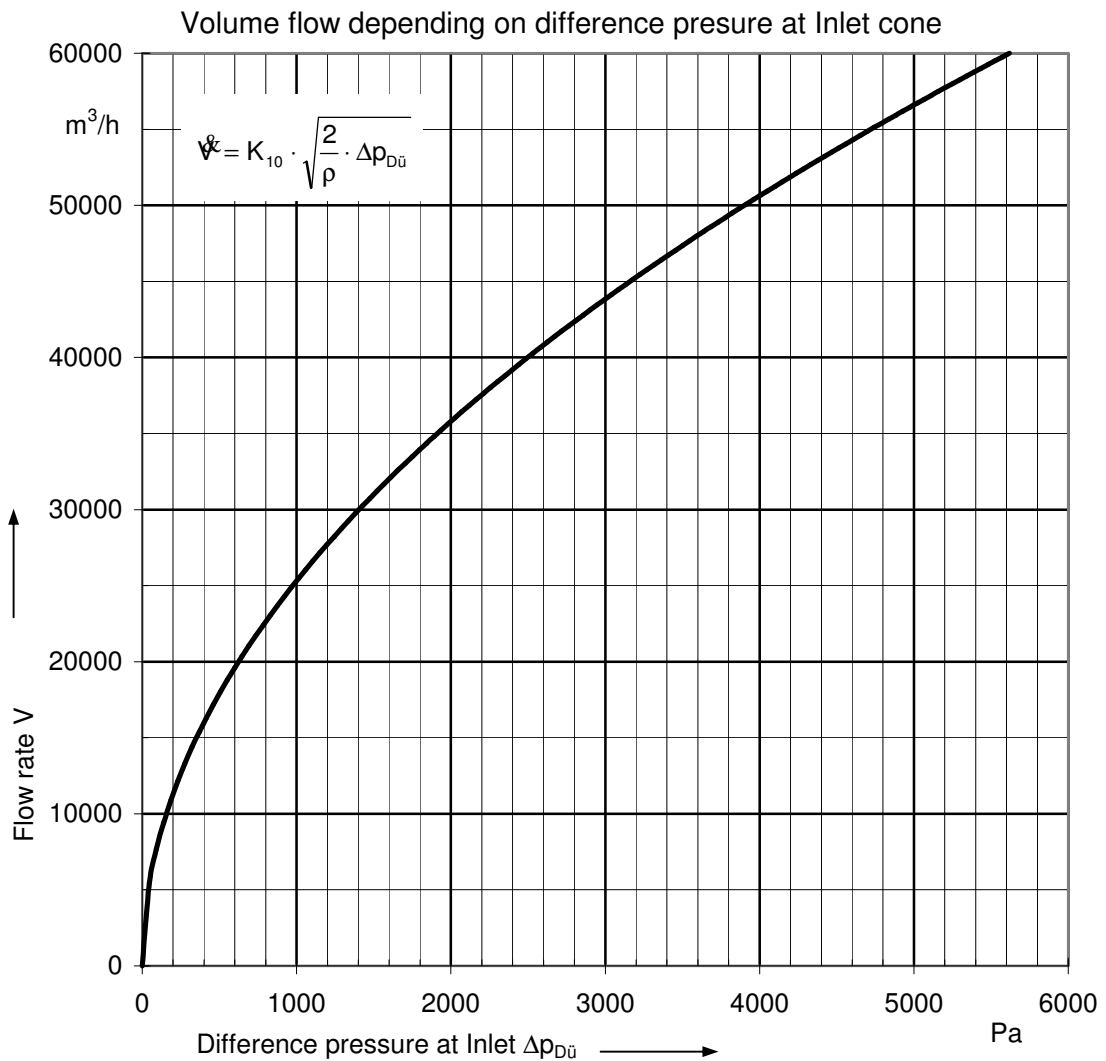
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.900
Impeller diameter	905 mm
Inlet cone diameter	582 mm
Remarus	-

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Tel. : (0 79 42) 1 01-0  
Fax : (0 79 42) 1 01-1 70

## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$   
 $K_{10}$  - Factor =  $620 \text{ m}^2\text{s/h}$

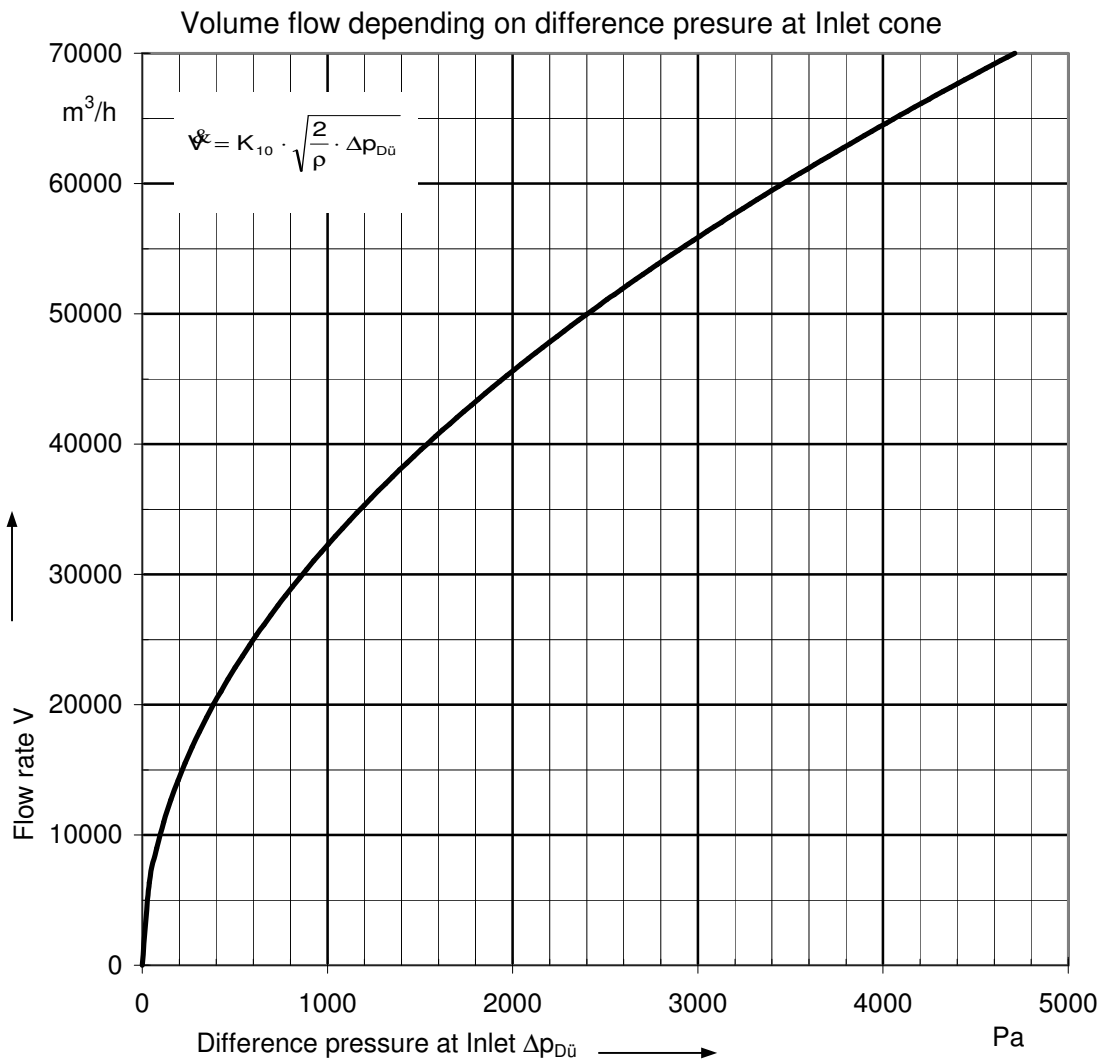
# Gebhardt - Flow measuring device IMV



Fan **RLM 56.1000**  
Impeller diameter **995 mm**  
Inlet cone diameter **652 mm**  
Remarus **-**

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Tel. : (0 79 42) 1 01-0  
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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg}/\text{m}^3$   
 $K_{10}$  - Factor =  $790 \text{ m}^2/\text{s}/\text{h}$

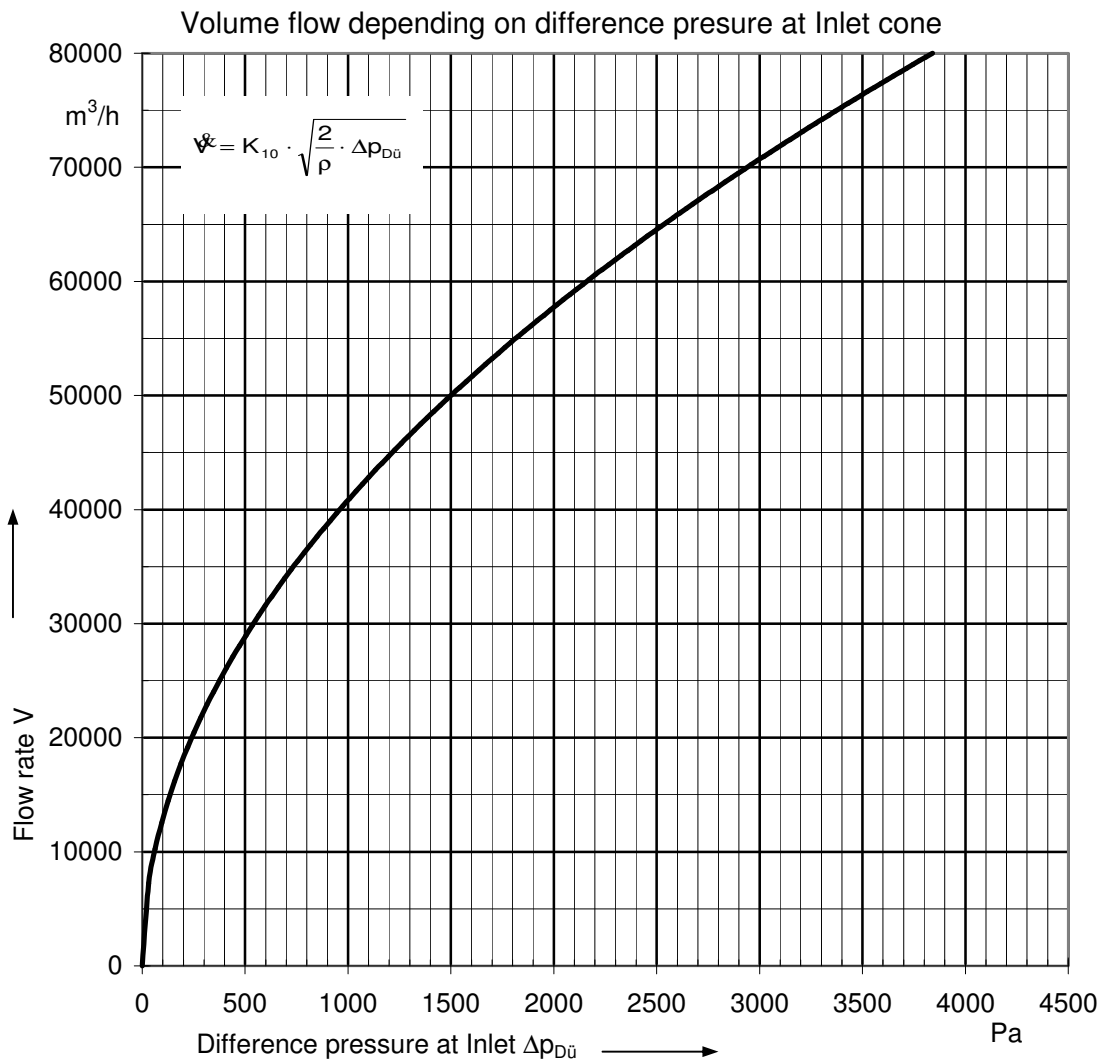
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.1120
Impeller diameter	1120 mm
Inlet cone diameter	733 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$

$K_{10}$  - Factor = 1000 m<sup>2</sup>s/h

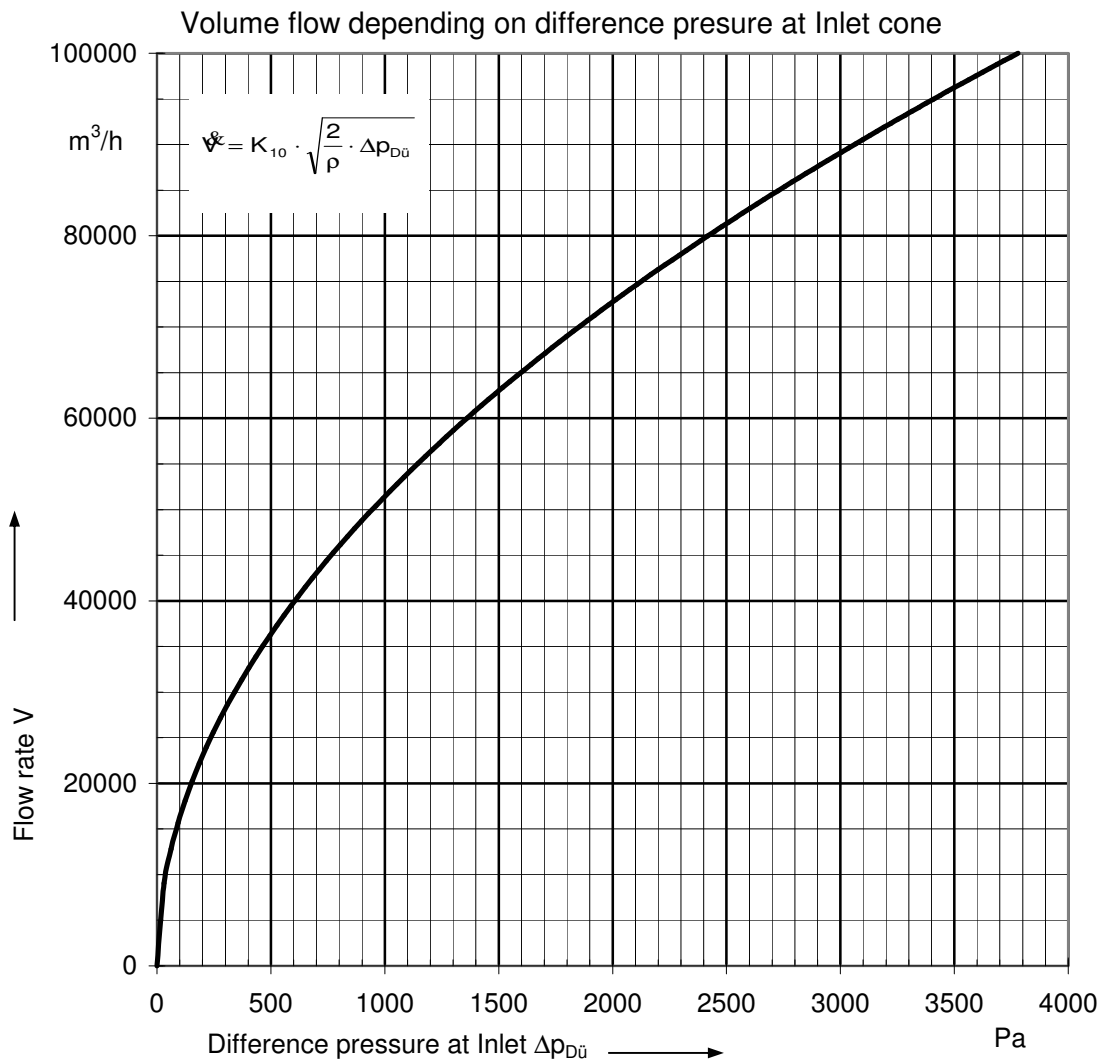
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.1250
Impeller diameter	1250 mm
Inlet cone diameter	823 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$

$K_{10}$  - Factor = 1260 m<sup>2</sup>s/h

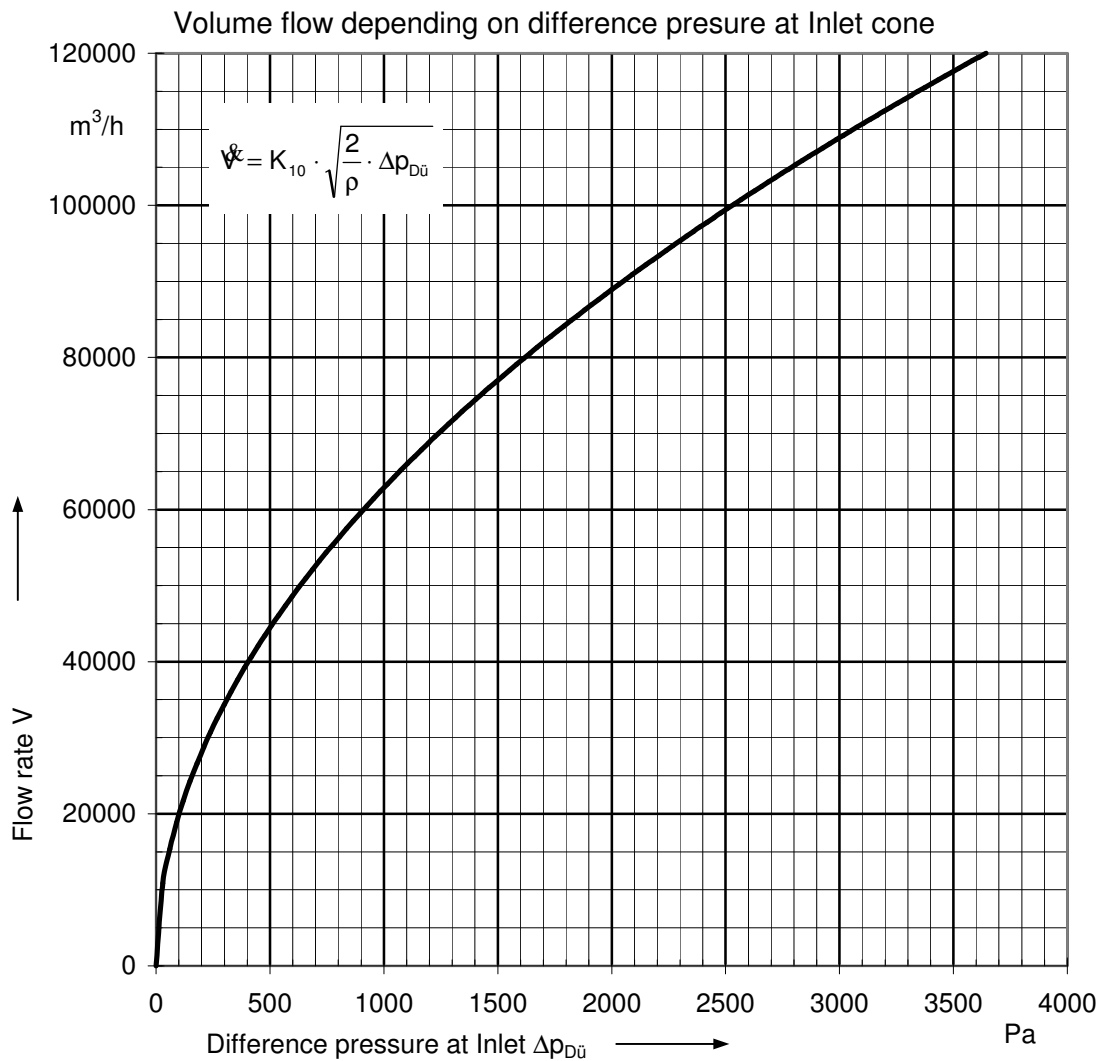
# Gebhardt - Flow measuring device IMV

**Gebhardt**   
**Ventilatoren**

Fan	RLM 56.1400
Impeller diameter	1400 mm
Inlet cone diameter	908 mm
Remarus	-

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## Diagram for determination of volume



Density of the medium  $\rho = 1,20 \text{ kg/m}^3$

$K_{10}$  - Factor = 1540 m<sup>2</sup>s/h