

KYTOLA® Model V Variable Area Flow Meter is designed for reliable measuring and monitoring of liquid and gas flows.

It comes in a range of different options and offers a choice of end blocks – aluminium, stainless steel AISI 316 or polyamide.



- Sturdy construction
- Impact resistant flow tube
- Model VE also in multi-tube versions
- Scales for alternative liquids and gases

ISO 9001 ISO 14001

FLOW METER VD, VE, VL

FEATURES

Large selection of materials

Alarm-ready

Models VD and VE with built-in flow adjustment valve and quick change flow tube

TYPICAL APPLICATIONS

Lubrication oil measurement

Sealing and cooling water measurement

Flush water applications

Gas flow measurements

OPTIONS

Low and high flow alarm

Constant flow regulator

Viton or EPDM seals

PES flow tube

Model	VDA	VDH	VDK
End blocks	Aluminium	AISI 316	Nylon
Side plates	AISI 316	AISI 316	AISI 316
Max. pressure	30 bar	30 bar	20 bar
Max. temperature	80°C (*120°C)	80°C (*120°C)	80°C
Weight	0.75 kg	2.00 kg	0.95 kg
Valve housing	AISI 316	AISI 316	AISI 316
Valve spindle	AISI 316	AISI 316	AISI 316
Flow tube	Grilamid (PA-12) (*PES)		
Connections	G 1/2" or NPT 1/2"		
Float	AISI 329 or AISI 329/PTFE (depending on range)		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. (H ₂ O, +20°C)		

*Special construction on request

VD - - **End Block Material**Aluminium (not for H₂O)**A**

AISI 316

H

Nylon

K**Flow Range**H₂O L/min

Air NL/min

0.4 – 2 15 – 75

6H

0.75 – 3 30 – 130

3H

1.25 – 5 40 – 180

3K

2 – 9 80 – 280

3L

2.5 – 10 75 – 325

3M

3 – 16 100 – 600

4N

4 – 17 100 – 650

4D

4 – 22 100 – 1100

4E

7.5 – 32.5 –

4F**Scale**H₂O (L/min) at +20°C**A**

Air (NL/min) at +20°C/1.013 bar (abs)

R**Features**

Alarm readiness

D

Hand knob in valve

H

G connections

blank

NPT connections

N

Grilamid flow tube, nitrile seals

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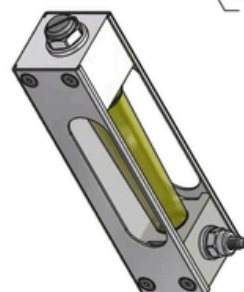
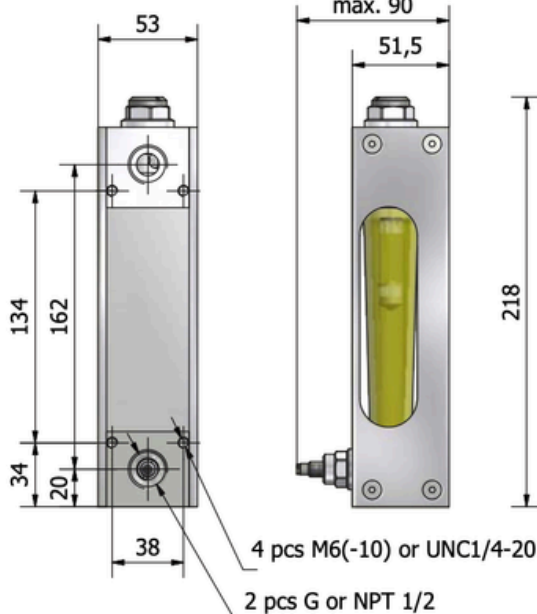
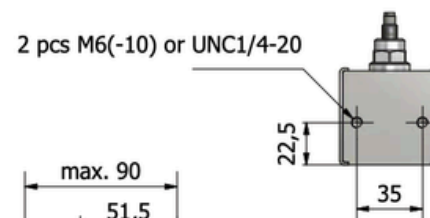
PES flow tube, nitrile seals

V

PES flow tube, Viton® seals

W

Grilamid flow tube, Viton® seals

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Special feature: choose character

Model	VEA	VEH	VEK
End blocks	Aluminium	AISI 316	Nylon
Side plates	AISI 316	AISI 316	AISI 316
Max. pressure	30 bar	30 bar	20 bar
Max. temperature	80°C (*120°C)	80°C (*120°C)	80°C
Weight	0.75 kg	2.00 kg	0.95 kg
Valve housing	Aluminium	AISI 316	AISI 316
Valve spindle	AISI 316	AISI 316	AISI 316
Flow tube	Grilamid (PA-12) (*PES)		
Connections	G 1/2" or NPT 1/2"		
Float	AISI 329 or AISI 329/PTFE (depending on range)		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. (H ₂ O, +20°C)		

*Special construction on request

VE - - **End Block Material**Aluminium (not for H₂O)

AISI 316

Nylon

A
H
K**Flow Range**H₂O L/min

Air NL/min

0.4 – 2 15 – 70

0.75 – 3 30 – 130

1.25 – 5 40 – 180

2 – 9 60 – 260

2.5 – 10 75 – 300

2 – 15 75 – 400

4 – 16 100 – 450

4 – 22 100 – 650

5 – 30 150 – 700

6H*

3H*

3K*

3L*

3M*

4N*

4D*

4E*

4F*

ScaleH₂O (L/min) at +20°C

Air (NL/min) at +20°C/1.013 bar (abs)

A

R

Features

Alarm readiness

G connections

NPT connections

Grilamid flow tube, nitrile seals

PES flow tube, nitrile seals

PES flow tube, Viton® seals

Grilamid flow tube, Viton® seals

D

blank

N

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V

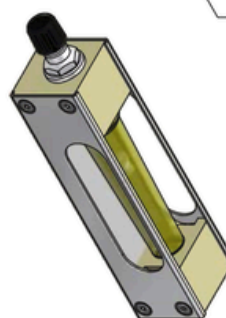
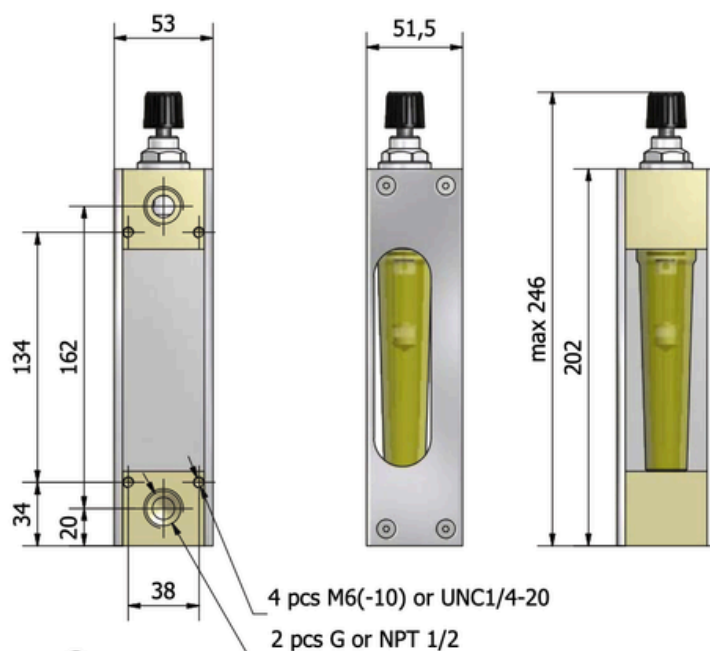
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* Air flow ranges (20°C/1.013 bar abs) for calibration purposes only



Model	VLA	VLH	VLK
End blocks	Aluminium	AISI 316	Nylon
Side plates	AISI 316	AISI 316	AISI 316
Max. pressure	30 bar	30 bar	20 bar
Max. temperature	80°C (*120°C)	80°C (*120°C)	80°C
Weight	0.75 kg	2.00 kg	0.95 kg
Flow tube	Grilamid (PA-12) (*PES)		
Connections	G 1/2" or NPT 1/2"		
Float	AISI 329 or AISI 329/PTFE (depending on range) Note! Other possible wetted metal parts: AISI 316		
Seals	Nitrile (*Viton®, EPDM)		
Accuracy	±5% F.S. (H ₂ O, +20°C)		

*Special construction on request

VL - - **End Block Material**

Aluminium (not for H ₂ O)	A
AISI 316	H
Nylon	K

Flow Range

H ₂ O L/min	Air NL/min	
0.4 – 2	15 – 75	6H
0.75 – 3.25	30 – 130	3H
1.5 – 5.5	40 – 180	3K
2 – 9	80 – 300	3L
3 – 10	75 – 325	3M
2 – 16	75 – 450	4N
3 – 18	100 – 500	4D
4 – 22	100 – 700	4E
5 – 30	150 – 900	4F

Scale

H ₂ O (L/min) at +20°C	A
Air (NL/min) at +20°C/1.013 bar (abs)	R

Features

Alarm readiness	D
G connections	<i>blank</i>
NPT connections	N
Grilamid flow tube, nitrile seals	<i>blank</i>
PES flow tube, nitrile seals	V
PES flow tube, Viton® seals	W
Grilamid flow tube, Viton® seals	X

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