

FLOW METER

Model VL, VD, VE

Model V variable area flow meter is intended for reliable measuring and monitoring of liquid and gas flows.



Model VL



Model VD



Model VE



Model VE6A



Model VL with constant flow regulator model 2914

FEATURES

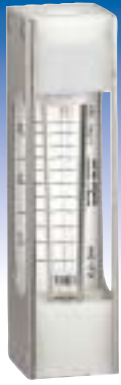
- Sturdy construction
- Impact resistant flow tube
- Models VD and VE with flow adjustment valve and quick change tube
- Large selection of materials
- Flow alarm readiness

TYPICAL APPLICATIONS

- Lubrication oil measurement
- Sealing and cooling water measurement
- Flush water applications
- Gas flow measurements

OPTIONS

- Scale for alternative liquids and gases
- Low and/or high flow alarm
- Back light
- Constant flow regulator
- Viton® or EPDM seals
- PES flow tube
- Model VE in multi-tube versions



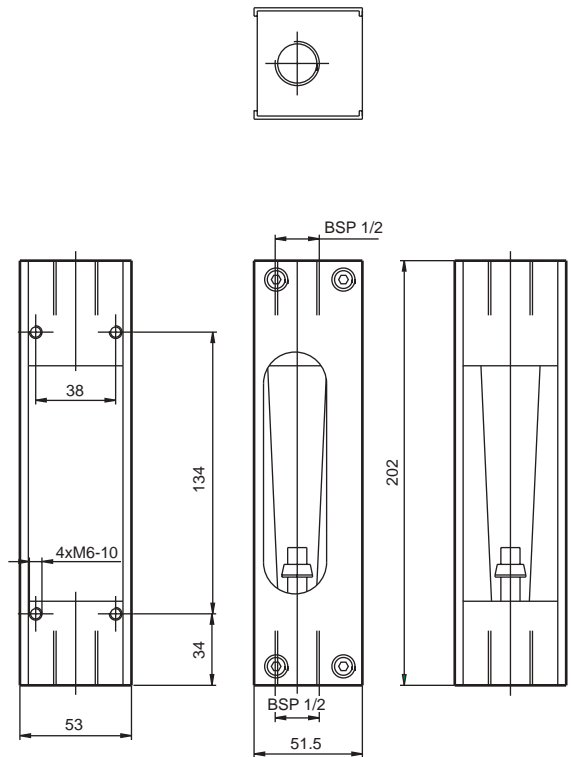
Technical data VL

Model	VLA -	VLH -	VLK -
Weight	0,75 kg	2,00 kg	0,95 kg
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 (*120 °C)
Flow tube	Grilamid (PA-12) (*PES)		
Connections	BSP 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)		

VL

*) Special construction on request

VL	-	-	-
Special feature			
D	Alarm readiness		
N	NPT connections		
V	PES flowtube		
W	PES flowtube, Viton® -seals		
X	Viton® -seals		
Scale			
A	H ₂ O (l/min)	at +20°C	
R	Air (NI/min)	at +20°C / 101,3 kPa	
Flow range			
	H₂O	Air	
6H	0,4 - 2 l/min	15 - 75 NI/min	
3H	0,75 - 3,25 l/min	30 - 130 NI/min	
3K	1,5 - 5,5 l/min	40 - 180 NI/min	
3L	2 - 9 l/min	60 - 280 NI/min	
3M	3 - 10 l/min	75 - 325 NI/min	
4D	3 - 17 l/min	100 - 500 NI/min	
4E	4 - 22 l/min	100 - 650 NI/min	
4F	5 - 30 l/min	150 - 900 NI/min	
End block material			
A	Aluminium		
H	AISI 316		
K	Nylon		



MANUFACTURER

Kytola

INSTRUMENTS

KYTOLA OY • Olli Kytolan tie 1
 P.O. Box 5 • FI-40951 MUURAME • FINLAND
 Phone +358 14 339 0600 • Fax +358 14 631 419
 E-mail sales@kytola.com • www.kytola.com

LOCAL REPRESENTATIVE

VD

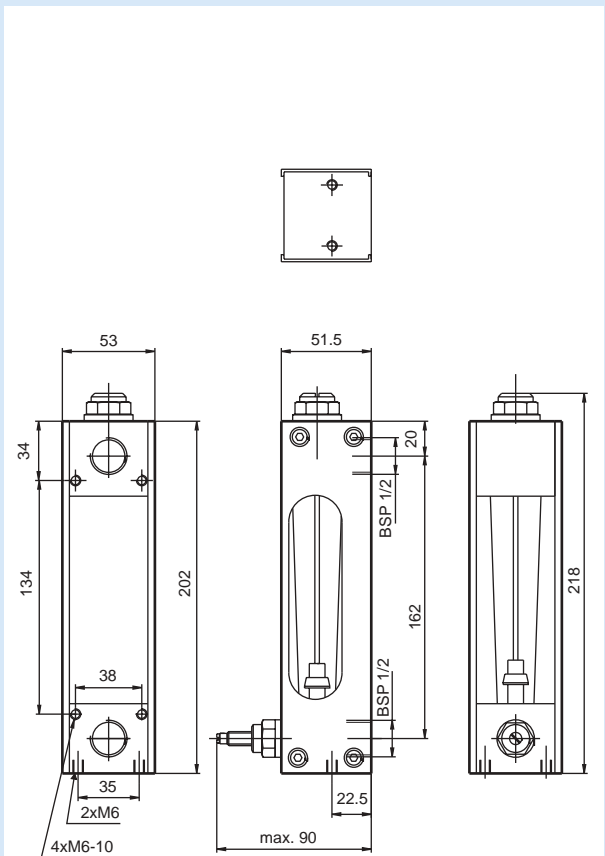


Technical data VD

Model	VDA -	VDH -	VDK -
Weight	0,75 kg	2,00 kg	0,95 kg
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 (*120 °C)
Valve housing	Aluminium	AISI 316	AISI 316
Valve spindle	AISI 316		
Flowtube	Grilamid (PA-12) (*PES)		
Connections	BSP 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	-	-	-
Special feature			
D	Alarm readiness		
N	NPT connections		
V	PES flowtube		
W	PES flowtube, Viton® -seals		
X	Viton® -seals		
Scale			
A	H ₂ O (l/min) at +20°C		
R	Air (NI/min) at +20°C / 101,3 kPa		
Flow range			
	H₂O	Air	
6H	0,4 - 2 l/min	15 - 75 NI/min	
3H	0,75 - 3 l/min	30 - 130 NI/min	
3K	1,5 - 5 l/min	40 - 180 NI/min	
3L	2 - 9 l/min	80 - 280 NI/min	
3M	2 - 10 l/min	75 - 325 NI/min	
4D	3 - 16 l/min	100 - 650 NI/min	
4E	4 - 22 l/min	100 - 1100 NI/min	
4F	5 - 32,5 l/min	-	
End block material			
A	Aluminium		
H	AISI 316		
K	Nylon		



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E-mail sales@kytola.com • www.kytola.com

LOCAL REPRESENTATIVE



Technical data VE

Model	VEA -	VEH -	VEK -
Weight	0,75 kg	2,00 kg	0,95 kg
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 (*120 °C)
Valve housing	Aluminium	AISI 316	AISI 316
Valve spindle	AISI 316		
Flowtube	Grilamid (PA-12) (*PES)		
Connections	BSP 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

Special feature	Scale	Flow range	End block material																											
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