

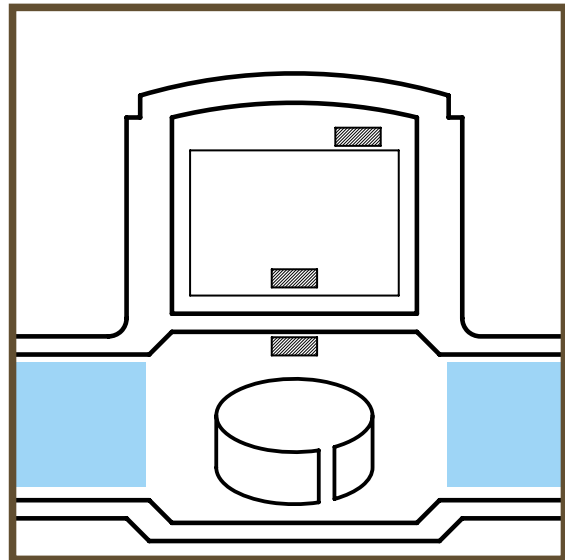
# VEGA

## Modular volumetric water meter from Qn 1,5 m<sup>3</sup>/h to Qn 10 m<sup>3</sup>/h

Vega is the generic name for a range of oscillating piston volumetric meters. This proven technology combines excellent metrology with exceptional endurance.

Based on this, Sappel has maintained a research policy which has led to the optimisation of low flowrate metering and resistance to solid particles.

Since 1990, the Sappel modular concept has been centred around this Vega meter. At any time it may be fitted with a pulse emitter type Pulsar<sup>®</sup>. Vega, thus equipped, may then be connected to a remote reading meter system type Maya<sup>®</sup>, Lyr<sup>®</sup> or Izar<sup>®</sup> or to a consumption analyser such as Cursa<sup>®</sup>.



Five ranges from Qn 1.5 m<sup>3</sup>/h to Qn 10 m<sup>3</sup>/h are available.



# Main technical characteristics

## Designation

	Véga 1.5 C 15/110	Véga 1.5 C 15/170	Véga 2.5 C 20/190	Véga 3.5 C 25/260	Véga 5 C 32/260	Véga 10 C 40/300
Calibration DN (mm)	15		20	25	32	40

## Measuring range (m<sup>3</sup>/h)

Start flowrate	0.001 to 0.002	0.001 to 0.002	0.002	0.003	0.005
Min. constructor's flowrate	0.01125	0.025	0.02625	0.0375	0.075
Min. approved flowrate Q <sub>min</sub> .	0.015	0.025	0.035	0.05	0.1
Transition flowrate Q <sub>t</sub>	0.0225	0.0375	0.0525	0.075	0.15
Nominal flowrate Q <sub>n</sub>	1.5	2.5	3.5	5	10
Maximum flowrate Q <sub>max</sub> .	3	5	7	10	20

## EEC-SIM Approval

Class	C
Approval number	F 86 01 384

**Head loss**  $\Delta p \text{ (bar)} = \frac{Q^2 \text{ (m}^3/\text{h)}}{Kvs^2}$

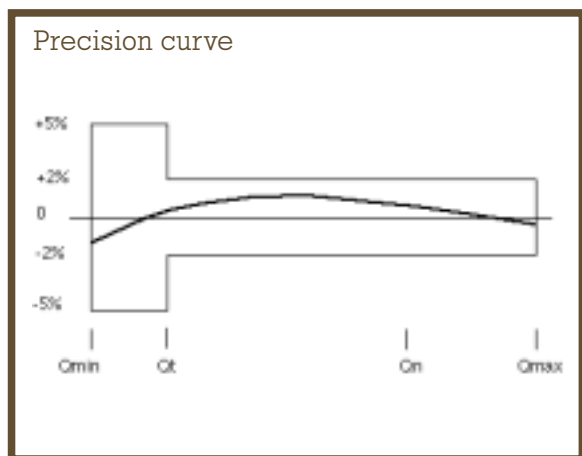
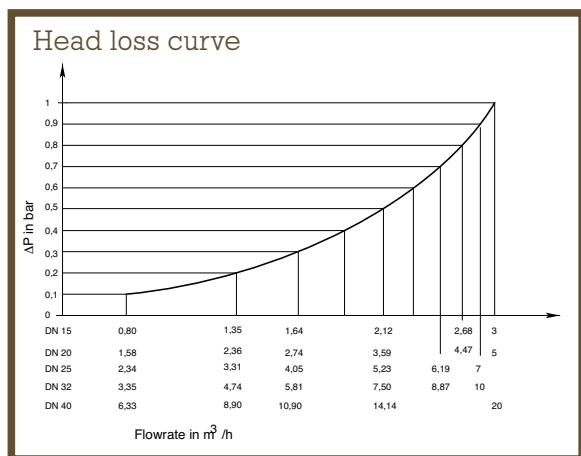
Kvs	3	5	7.4	10.6	20
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## Temperatures and pressure

T. mini. and maxi.	from 0°C to + 30°C
Max. operating pressure	12 bars

## Dimensions, weight and connections

Lenght	mm	110	170	190	260	260	300
Width	mm	93		93	112	146	165
Height	mm	125	135	140	160	185	196
Threaded connections		G 3/4"		G 1"	G 1"1/4	G 1"1/2	G 2"
Weight	kg	0.85	1.10	1.28	2.80	4.60	8.9
Lid		Without		With			



**Options:** Pulse emitter Pulsar®: 1 imp/litre from Q<sub>n</sub> 1.5 to Q<sub>n</sub> 10 m<sup>3</sup>/h.

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If you have any question, please do not hesitate to contact us :



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