

# SSV: Technical Data, Construction

81 Inline Sampling Valves, full-port

PM 81 M.01 e

March 2006



## Operating Conditions

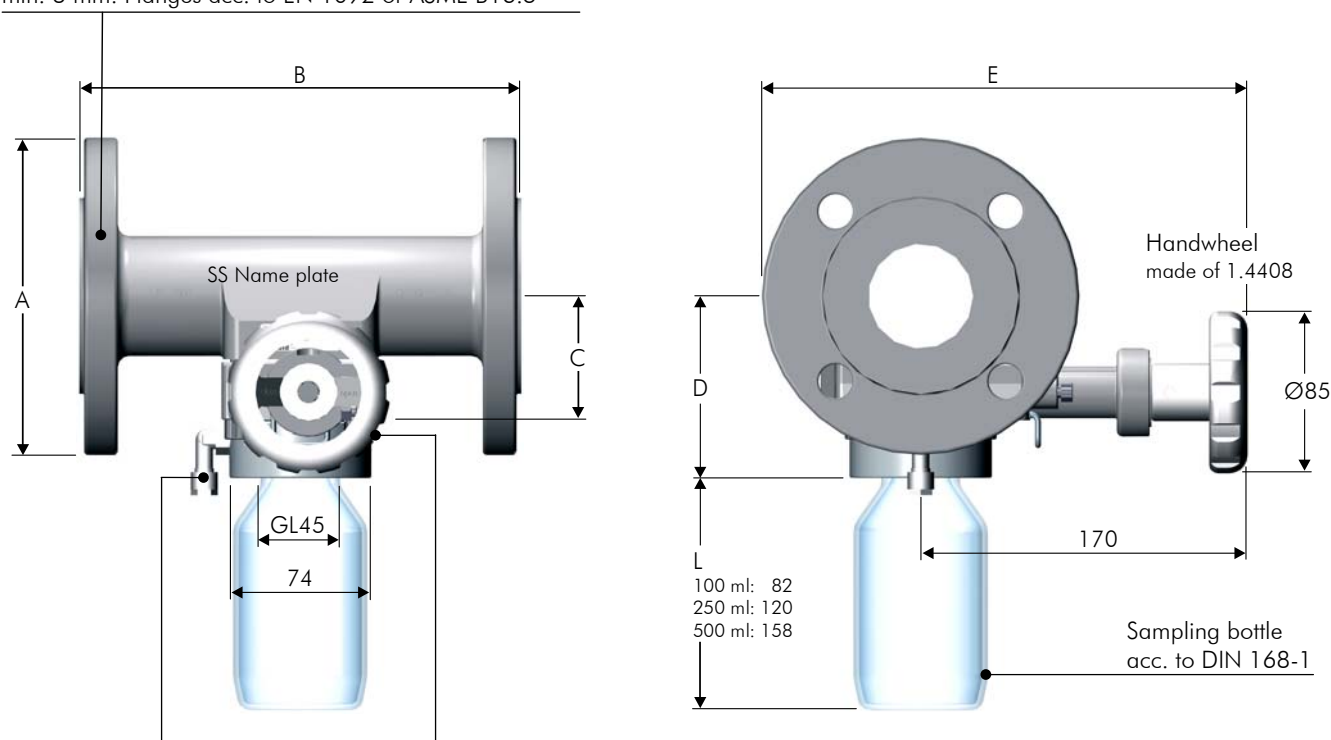
- Temperature range from  $-10^{\circ}\text{C}$  up to  $+160^{\circ}\text{C}$  (depending on selected materials)
- Line pressure max. 16 bar

## Testing / Marking

- Pressure- and tightness testing acc. to EN 12266-1, leakage rate A, and spark testing at 35 kV to assure lining integrity. Marking of valves on body and name plate acc. to EN 19.
- Material- resp. test certificate acc. to EN 10204-3.1

## Construction of Valve

Body made of stainless steel casting 1.4408 (CF-8M) or with linings made of PFA or PFA-AS (anti-static), thickness min. 3 mm. Flanges acc. to EN 1092 or ASME B16.5



Bottle adapter made of PTFE glassfibre-reinforced, incl. vent connection

Valve block made of ss casting 1.4408 (CF-8M), valve seat of TFM and sealing cone of Perfluor elastomer

## Technical Data Dimensions in mm

DN	A DIN	A ANSI	B DIN	B ANSI	C	D	E	Kg*
15/1/2"	95	95	160	160	46	77	218	3.8
20/3/4"	98	98	160	160	48	79	222	4.8
25/1"	115	108	160	165	52	83	227	5.3
40/1 1/2"	150	127	200	165	60	91	245	7.4
50/2"	165	152	230	178	65	96	252	9.1
80/3"	200	190	310	203	81	112	270	14.5

Face to face B acc. to DIN EN 558-1 range 1 resp. range 3 and ASME B16.10

\* Weights (estim. values, w/o sampling bottle)