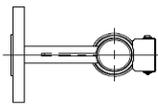
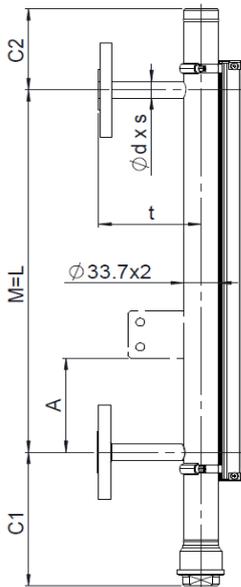


# Smart Line 50

# Type: 34000-K

Design meets the requirements of PED 2014/68/EU and harmonized standards



### Purchase Order Data:

Company:  
Purchase order no.:  
Quantity:

Project:	
Tag no.:	

### Operating Conditions

Fluid:	
Density:	0.55g/cm <sup>3</sup> g/cm <sup>3</sup> :
Viscosity:	m150cSt cSt:
Operating pressure:	max. 50bar(g) @ 20°C <sup>**1</sup> bar(g):
Design pressure:	" bar(g):
Operating temperature:	-80°C ... +250°C <sup>**1</sup> °C:
Design temperature:	" °C:
Connecting Distance "L":	max. 5600mm (one-piece design) mm:

### Design and Materials:

Float chamber:	316/316L	
Float:	316L (Standard)	type no.: <b>34333 / 35615 / 48150/xx</b>
	NBR	type no.: <b>38578/0.6 / 0.8 / 0.9</b>
	NBR	type no.: <b>41622/1.0</b>

other materials and densities see float selection diagram or on request

Damping spring top and bottom, 1.4310	No.: 30309	<input type="checkbox"/>
Gaskets:	Fibre compound Aramid/NBR (<150°C)	Standard <input type="checkbox"/>
	pure PTFE non reinforced (<250°C)	<input type="checkbox"/>
	Graphite incl. reinforcing net in ss 316/316L (<400°C)	<input type="checkbox"/>

### Process connections:

<b>EN-connecting flanges acc. EN1092-1 (Standard):</b>	DN15: <input type="checkbox"/>
- EN1092-1/01 B1/DNxx/PN40/316L	DN20: <input type="checkbox"/>
- plate flanges, RF, Rz=12,5 δ 50µm, turning	DN25: <input type="checkbox"/>

<b>ANSI/class150 (= ISO/PN20) - connecting flanges:</b>	ANSI 1/2" resp. ISO DN15 : <input type="checkbox"/>
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1	ANSI 3/4" resp. ISO DN20 : <input type="checkbox"/>
- plate flanges, RF SF, Rz=12,5 δ 50µm, turning	ANSI 1" resp. ISO DN25 : <input type="checkbox"/>

<b>ANSI/class300 (= ISO/PN50) - connecting flanges:</b>	ANSI 1/2" resp. ISO DN15 : <input type="checkbox"/>
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1	ANSI 3/4" resp. ISO DN20 : <input type="checkbox"/>
- plate flanges, RF SF, Rz=12,5 δ 50µm, turning	ANSI 1" resp. ISO DN25 : <input type="checkbox"/>

### Other Connections

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### Float extension lower / upper:

Density in g/cm <sup>3</sup> :	C1:	C2:
SS <sup>-</sup> 0.64 and <0.71	350	85
SS <sup>-</sup> 0.71 and < 0.8	250	85
SS <sup>-</sup> 0.8 and < 0.96	180	85
SS <sup>-</sup> 0.96	140	85
NBR <sup>-</sup> 0.55	100	85

C1 & C2 shorter or longer, if out of standard range or with damping springs

### Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.: 34837	Standard <input type="checkbox"/>
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	<input type="checkbox"/>
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	<input type="checkbox"/>
Al/Glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	<input type="checkbox"/>
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403	<input type="checkbox"/>
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404	<input type="checkbox"/>
Special execution	Flaps: <input type="text"/>	No.: <input type="text"/>	<input type="checkbox"/>

### Standard flange connections:

	EN	ANSI/ISO
Connection pieces, d*s:		
DN15:	17.2*1.6	17.2*1.6
DN20:	17.2*1.6	17.2*1.6
DN25:	17.2*1.6	17.2*1.6
DN32:	17.2*1.6	17.2*1.6
Dimension t:		
DN15:	100	100
DN20:	100	100
DN25:	100	100
DN32:	tba on request <sup>2)</sup>	

### Accessories (refer to installation instructions 20010501)

Fixation bracket, moveable no. 45143-1:	Dim. "A" [mm]:	<input type="text"/>
Magnetic switch:	Quantity:	<input type="text"/>
Transmitter:	Resolution [mm]:	<b>5 / 10</b>
Electrical measuring length Mel [mm]:	Type:	<input type="text"/>
Converter:	Type:	<input type="text"/>
Additional accessories:		<input type="text"/>

### Test Reports and Certificates

EN10204:2004-3.1: main pressure-bearing parts according to PED	<input type="checkbox"/>
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### Special Executions & Additional Notes

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### Notes:

\*1) Refer to pressure-temperature rating! Lowest pressure-temperature rating of any connecting flange or fitting will set the limitation!  
Test pressure will be specified according to WEKA specification AW 2.1.2.

\*2) In general also 100mm, depending on flange size

All indicated dimensions in mm. All dimensions are only valid on VLI in standard execution.