

Smart Line 50

Type: 34000-A

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

Project:	
Tag no.:	

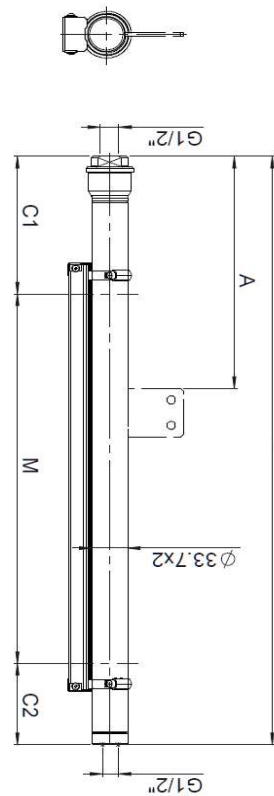
g/cm ³	≥ 0.55g/cm ³
cSt	≤ 150cSt
bar(g)	max. 50bar(g) @ 20°C ^(*)
bar(g)	"
°C	-80°C ... +250°C ^(*)
mm	max. 580mm (one-piece design)

type no.:	316L (Standard)	34333 / 35615 / 48150/xx
type no.:	NBR	38578/0,6 / 0,8 / 0,9
type no.:	NBR	41622/1,0

other materials and densities see float selection diagram or on request
 Damping spring top and bottom, 1.4310 No.: 30309
 Fibre compound Aramid/NBR (<150°C) Standard
 pure PTFE non reinforced (<250°C)
 Graphite incl. reinforcing net in ss 316/316L (<400°C)

Purchase Order Data:
 Company:
 Purchase order no.:
 Quantity:

Operating Conditions
 Fluid:
 Density:
 Viscosity:
 Operating pressure:
 Design pressure:
 Operating temperature:
 Design temperature:
 Connecting Distance "L":
Design and Materials:
 Float chamber:
 Float:
 316/316L
 316L (Standard)
 NBR
 NBR



Process connections:
 - female G1/2" (ISO 7-1 / ISO 228-1), without plug
 - other connection threads see price list

Standard	<input type="checkbox"/>
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Float extension lower / upper:

C1:	SS ≥ 0.64 and < 0.71	350	85
C2:	SS ≥ 0.71 and < 0.8	250	85
	SS ≥ 0.8 and < 0.96	180	85
	SS ≥ 0.96	140	85
	NBR ≥ 0.55	100	85

Density in g/cm³:

PC, IP65 (<150°C)
 PC, IP68, inert gas (<150°C)
 Al/PC, IP54 (<250°C)
 Al/Glass, IP54 (<400°C)
 316L, IP67 (<250°C)
 316L, IP67 (<400°C)
 Special execution

Indication Rail:

No.:	34837	Flaps: red-silver
No.:	41008	Flaps: red-silver
No.:	34560	Flaps: red-silver
No.:	37100	Flaps: black-silver
No.:	42403	Flaps: red-silver
No.:	42404	Flaps: black-silver

Accessories (refer to installation instructions 20010501)

Fixation bracket, moveable no. 45143-1:	Dim. "A" [mm]:
Magnetic switch:	Quantity:
Transmitter:	Resolution [mm]:
Electrical measuring length Mel [mm]:	Type:
Converter:	Type:
Additional accessories:	

Test Reports and Certificates

EN10204:2004-3.1: main pressure-bearing parts according to PED

Special Executions & Additional Notes

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.

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

WEKA_DS_VLI SmartLine_EN

Subject to change without notice.

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info@weka-ag.ch - www.weka-ag.ch

Phone +41 43 833 43 43

WEKA AG - Schürlistrasse 8 - CH-8344 Bärenswil