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Visual Level Indicators (VLI)
Smart Line Series

Series	Type	Material	Pipe O.D. x s (mm)	Operating Pressure	Operating Temperature	Seite
Smart Line 50	34000-A	316/316L	33.7*2.0	max. 50bar @ 20°C	-80°C … +250°C	**2**
"	34000-B	"	"	"	"	**3**
"	34000-K	"	"	"	"	**4**
"	34000-O	"	"	"	"	**5**
Smart Line 50	34110-K	316/316L	33.7*2.0	max. 50bar @ 20°C	-80°C … +250°C	**6**
"	34110-O	"	"	"	"	**7**
	Pressure Temperature Rating for Smart Line 50					**8**
	Float selection diagram for Smart Line 50					**9**
	Mounting specification for switches and transmitters drawing no. 20010501					**10**

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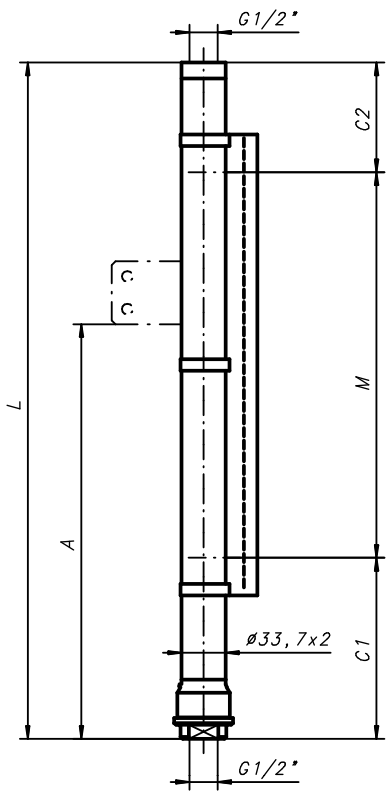
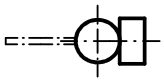
Smart Line 50 — Type: 34000-A

Design meets the requirements of PED 97/23/EC and harmonized standards





Purchase Order Data:

Company:		Project:	
Purchase order no.:			
Quantity:		Tag no.:	

Operating Conditions

Fluid:			
Density:	≥ 0.60g/cm3	g/cm3:	
Viscosity:	≤ 150cSt	cSt:	
Operating pressure:	max. 50bar(g) @ 20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operating temperature:	-80°C ... +250°C *1)	°C:	
Design temperature:	"	°C:	
Connecting Distance "L":	max. 5800mm (one-piece design)	mm:	

Design and Materials:

Float chamber:	316/316L		
Float:	316L (Standard)	type no.:	***34333 / 35615 / 33115/xx***
	NBR	type no.:	***38578/0.6 /0.8 /0.9***
		type no.:	***41622/1.0***

other materials and densities see float selection diagram or on request

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

Process connections:

Connection threads:

- female G1/2" (ISO 7-1 / ISO 228-1)		Standard ☐
- other connection threads see price list		

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥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 ☐
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	☐
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	☐
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	☐
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936:		dimension "A" [mm]:	
Magnetic switch:	quantity:		type:
Transmitter:	resolution [mm]:	**05 / 10**	type:
	measuring length $M_{el.}$ [mm]:		
Converter:	type:		
Further accessories:			

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber: ☐

Special executions and 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.

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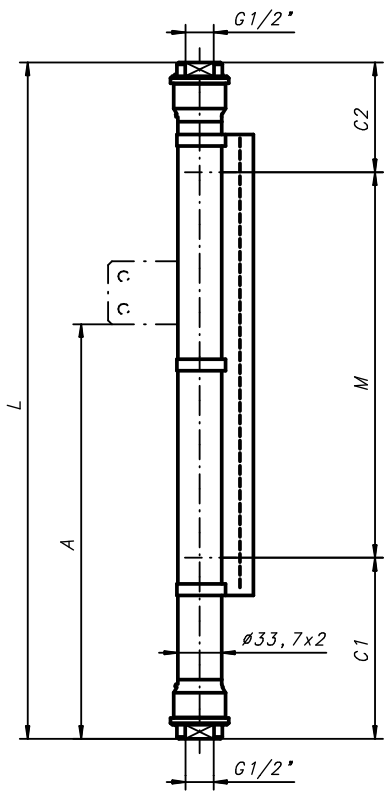
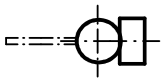
Smart Line 50 — Type: 34000-B

Design meets the requirements of PED 97/23/EC and harmonized standards





Purchase Order Data:

Company:		Project:	
Purchase order no.:			
Quantity:		Tag no.:	

Operating Conditions

Fluid:			
Density:	≥ 0.60g/cm3	g/cm3:	
Viscosity:	≤ 150cSt	cSt:	
Operating pressure:	max. 50bar(g) @ 20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operating temperature:	-80°C ... +250°C *1)	°C:	
Design temperature:	"	°C:	
Connecting Distance "L":	max. 5800mm (one-piece design)	mm:	

Design and Materials:

Float chamber:	316/316L		
Float:	316L (Standard)	type no.:	***34333 / 35615 / 33115/xx***
	NBR	type no.:	***38578/0.6 /0.8 /0.9***
		type no.:	***41622/1.0***

other materials and densities see float selection diagram or on request

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

Process connections:

Connection threads:

- female G1/2" (ISO 7-1 / ISO 228-1)	Standard ☐
- other connection threads see price list	

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥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 ☐
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	☐
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	☐
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	☐
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936:		dimension "A" [mm]:	
Magnetic switch:	quantity:		type:
Transmitter:	resolution [mm]:	**05 / 10**	type:
	measuring length $M_{el.}$ [mm]:		
Converter:	type:		
Further accessories:			

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber: ☐

Special executions and 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.

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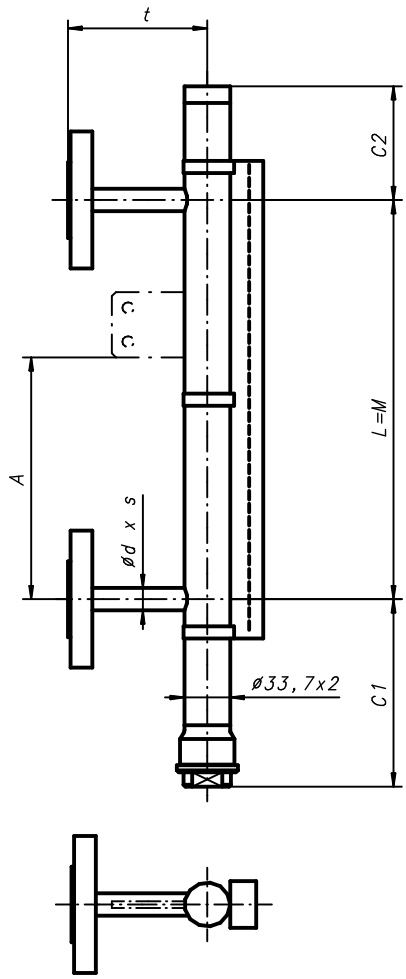
Smart Line 50 — Type: 34000-K

Design meets the requirements of PED 97/23/EC and harmonized standards



Purchase Order Data:

Company:		Project:	
Purchase order no.:			
Quantity:		Tag no.:	

Operating Conditions

Fluid:			
Density:	≥ 0.60g/cm3	g/cm3:	
Viscosity:	≤ 150cSt	cSt:	
Operating pressure:	max. 50bar(g) @ 20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operating temperature:	-80°C ... +250°C *1)	°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.:	***34333 / 35615 / 33115/xx***
	NBR	type no.:	***38578/0.6 /0.8 /0.9***
		type no.:	***41622/1.0***

other materials and densities see float selection diagram or on request

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

Process connections:

EN-connecting flanges acc. EN1092-1 (Standard):		DN15:
- EN1092-1/01 B1/DNxx/PN40/316L		DN20:
- plate flanges, RF, Rz=12,5 … 50µm, turning		DN25:
ANSI/class150 (= ISO/PN20) - connecting flanges:		ANSI 1/2" resp. ISO DN15 :
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1		ANSI 3/4" resp. ISO DN20 :
- plate flanges, RF SF, Rz=12,5 … 50µm, turning		ANSI 1" resp. ISO DN25 :
ANSI/class300 (= ISO/PN50) - connecting flanges:		ANSI 1/2" resp. ISO DN15 :
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1		ANSI 3/4" resp. ISO DN20 :
- plate flanges, RF SF, Rz=12,5 … 50µm, turning		ANSI 1" resp. ISO DN25 :

Other Connections

Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.: 34837	Standard
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936:		dimension "A" [mm]:	
Magnetic switch:	quantity:	type:	
Transmitter:	resolution [mm]: **05 / 10**	type:	
	measuring length $M_{el.}$ [mm]:		
Converter:	type:		
Further accessories:			

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber:

Special executions and notes:

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥0.55	100	85

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

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 2)	

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.

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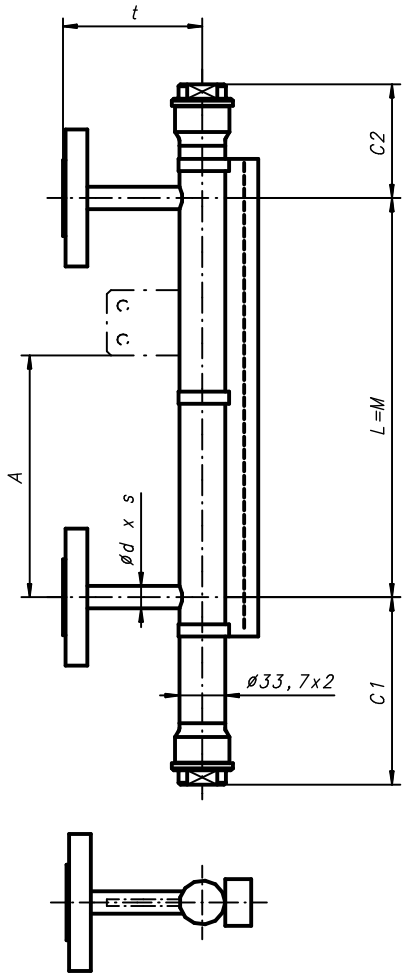
Smart Line 50 — Type: 34000-O

Design meets the requirements of PED 97/23/EC and harmonized standards



Purchase Order Data:

Company:		Project:	
Purchase order no.:			
Quantity:		Tag no.:	

Operating Conditions

Fluid:			
Density:	≥ 0.60g/cm3	g/cm3:	
Viscosity:	≤ 150cSt	cSt:	
Operating pressure:	max. 50bar(g) @ 20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operating temperature:	-80°C ... +250°C *1)	°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.:	***34333 / 35615 / 33115/xx***
	NBR	type no.:	***38578/0.6 /0.8 /0.9***
		type no.:	***41622/1.0***

other materials and densities see float selection diagram or on request

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

Process connections:

EN-connecting flanges acc. EN1092-1 (Standard):		DN15:
- EN1092-1/01 B1/DNxx/PN40/316L		DN20:
- plate flanges, RF, Rz=12,5 … 50µm, turning		DN25:
ANSI/class150 (= ISO/PN20) - connecting flanges:		ANSI 1/2" resp. ISO DN15 :
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1		ANSI 3/4" resp. ISO DN20 :
- plate flanges, RF SF, Rz=12,5 … 50µm, turning		ANSI 1" resp. ISO DN25 :
ANSI/class300 (= ISO/PN50) - connecting flanges:		ANSI 1/2" resp. ISO DN15 :
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1		ANSI 3/4" resp. ISO DN20 :
- plate flanges, RF SF, Rz=12,5 … 50µm, turning		ANSI 1" resp. ISO DN25 :

Other Connections

Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.: 34837	Standard
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936:		dimension "A" [mm]:	
Magnetic switch:	quantity:	type:	
Transmitter:	resolution [mm]: **05 / 10**	type:	
	measuring length $M_{el.}$ [mm]:		
Converter:	type:		
Further accessories:			

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber:

Special executions and notes:

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥0.55	100	85

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

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 2)	

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.

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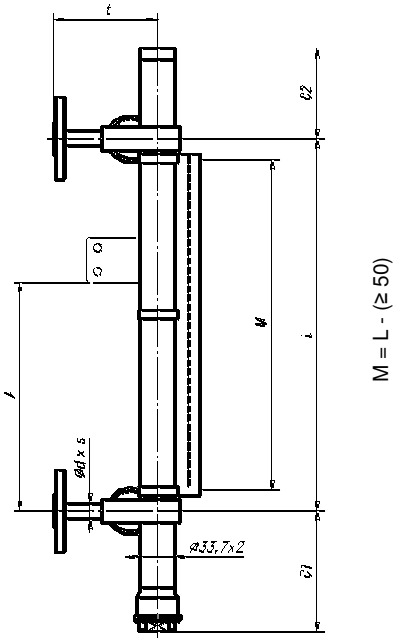
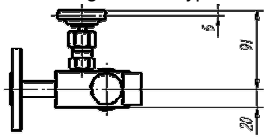
Smart Line 50 with integrated valves Type: 34110-K

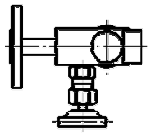
Design meets the requirements of PED 97/23/EC and harmonized standards



☐ Standard "right hand" type: 34110-K



☐ Optional "left hand" type: 34110-K (L)



Size of shut-off valve: DN6

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥0.55	100	85

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

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 [2]	

Purchase Order Data:

Company: | Project:
Purchase order no.:
Quantity: | Tag no.:

Operating Conditions

Fluid:		
Density:	≥ 0.60g/cm3	g/cm3:
Viscosity:	≤ 150cSt	cSt:
Operating pressure:	max. 50bar(g) @ 20°C [1]	bar(g):
Design pressure:	"	*bar(g):*
Operating temperature:	-80°C ... +250°C [1]	°C:
Design temperature:	"	*°C:*
Connecting Distance "L":	max. 5600mm (one-piece design)	mm:

Design and Materials:

Float chamber: 316/316L — Valves: 316L + pure PTFE
Float: 316L (Standard) — type no.: ***34333 / 35615 / 33115/xx***
NBR — type no.: ***38578/0.6 /0.8 /0.9***
type no.: ***41622/1.0***

other materials and densities see float selection diagram or on request

Damping spring top and bottom, 1.4310 — No.: 30309

Gaskets:
- Fibre compound Aramid/NBR (<150°C) — Standard ☐
- pure PTFE non reinforced (<250°C) ☐
- Graphite incl. reinforcing net in ss 316/316L (<400°C) ☐

Process connections:

EN-connecting flanges acc. EN1092-1 (Standard): DN15: ☐ DN20: ☐ DN25: ☐
- EN1092-1/01 B1/DNxx/PN40/316L
- plate flanges, RF, Rz=12,5 … 50µm, turning

ANSI/class150 (= ISO/PN20) - connecting flanges:
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1
- plate flanges, RF SF, Rz=12,5 … 50µm, turning

ANSI 1/2" resp. ISO DN15 : ☐
ANSI 3/4" resp. ISO DN20 : ☐
ANSI 1" resp. ISO DN25 : ☐

ANSI/class300 (= ISO/PN50) - connecting flanges:
- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1
- plate flanges, RF SF, Rz=12,5 … 50µm, turning

ANSI 1/2" resp. ISO DN15 : ☐
ANSI 3/4" resp. ISO DN20 : ☐
ANSI 1" resp. ISO DN25 : ☐

Other Connections

Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.: 34837	Standard ☐
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	☐
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	☐
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	☐
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936: dimension "A" [mm]:
Magnetic switch: quantity: type:
Transmitter: resolution [mm]: **05 / 10** type:
measuring length $M_{el.}$ [mm]:
Converter: type:
Further accessories:

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber: ☐

Special executions and 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.
*2) In general also 100mm, depending on flange size

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

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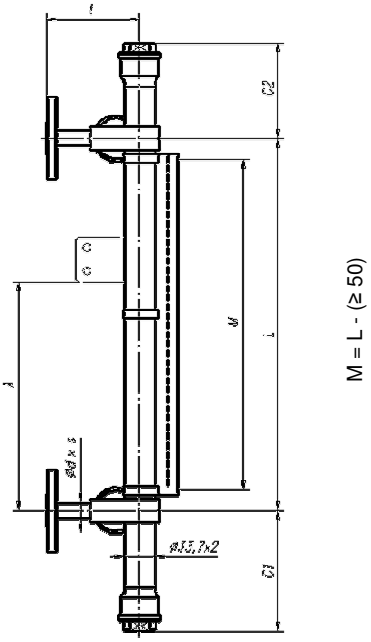
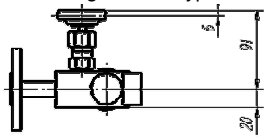
Smart Line 50 with integrated valves Type: 34110-O

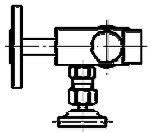
Design meets the requirements of PED 97/23/EC and harmonized standards



☐ Standard "right hand" type: 34110-O



☐ Operating "left hand" type: 34110-O (L)



Size of shut-off valve: DN6

Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and <0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥1	140	85
NBR ≥0.55	100	85

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

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 [2]	

Purchase Order Data:

Company: | Project:
Purchase order no.:
Quantity: | Tag no.:

Operating Conditions

Fluid:		
Density:	≥ 0.60g/cm3	g/cm3:
Viscosity:	≤ 150cSt	cSt:
Operating pressure:	max. 50bar(g) @ 20°C [1]	bar(g):
Design pressure:	"	*bar(g):*
Operating temperature:	-80°C ... +250°C [1]	°C:
Design temperature:	"	°C:
Connecting Distance "L":	max. 5600mm (one-piece design)	mm:

Design and Materials:

Float chamber: 316/316L — Valves: 316L + pure PTFE
Float: 316L (Standard) — type no.: ***34333 / 35615 / 33115/xx***
NBR — type no.: ***38578/0.6 /0.8 /0.9***
type no.: ***41622/1.0***

other materials and densities see float selection diagram or on request

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

Process connections:

EN-connecting flanges acc. EN1092-1 (Standard): DN15: ☐
- EN1092-1/01 B1/DNxx/PN40/316L DN20: ☐
- plate flanges, RF, Rz=12,5 … 50µm, turning DN25: ☐

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

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

Other Connections

Indication Rail:

PC, IP65 (<150°C)	Flaps: red-silver	No.: 34837	Standard ☐
PC, IP68, inert gas (<150°C)	Flaps: red-silver	No.: 41008	☐
Al/PC, IP54 (<250°C)	Flaps: red-silver	No.: 34560	☐
Al/glass, IP54 (<400°C)	Flaps: black-silver	No.: 37100	☐
Special	Flaps:	No.:	

Accessories (installation instructions see spec. no. 20010501)**:**

Fixation bracket no. 26936: dimension "A" [mm]:
Magnetic switch: quantity: type:
Transmitter: resolution [mm]: **05 / 10** type:
measuring length $M_{el.}$ [mm]:
Converter: type:
Further accessories:

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber: ☐

Special executions and 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.
*2) In general also 100mm, depending on flange size

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

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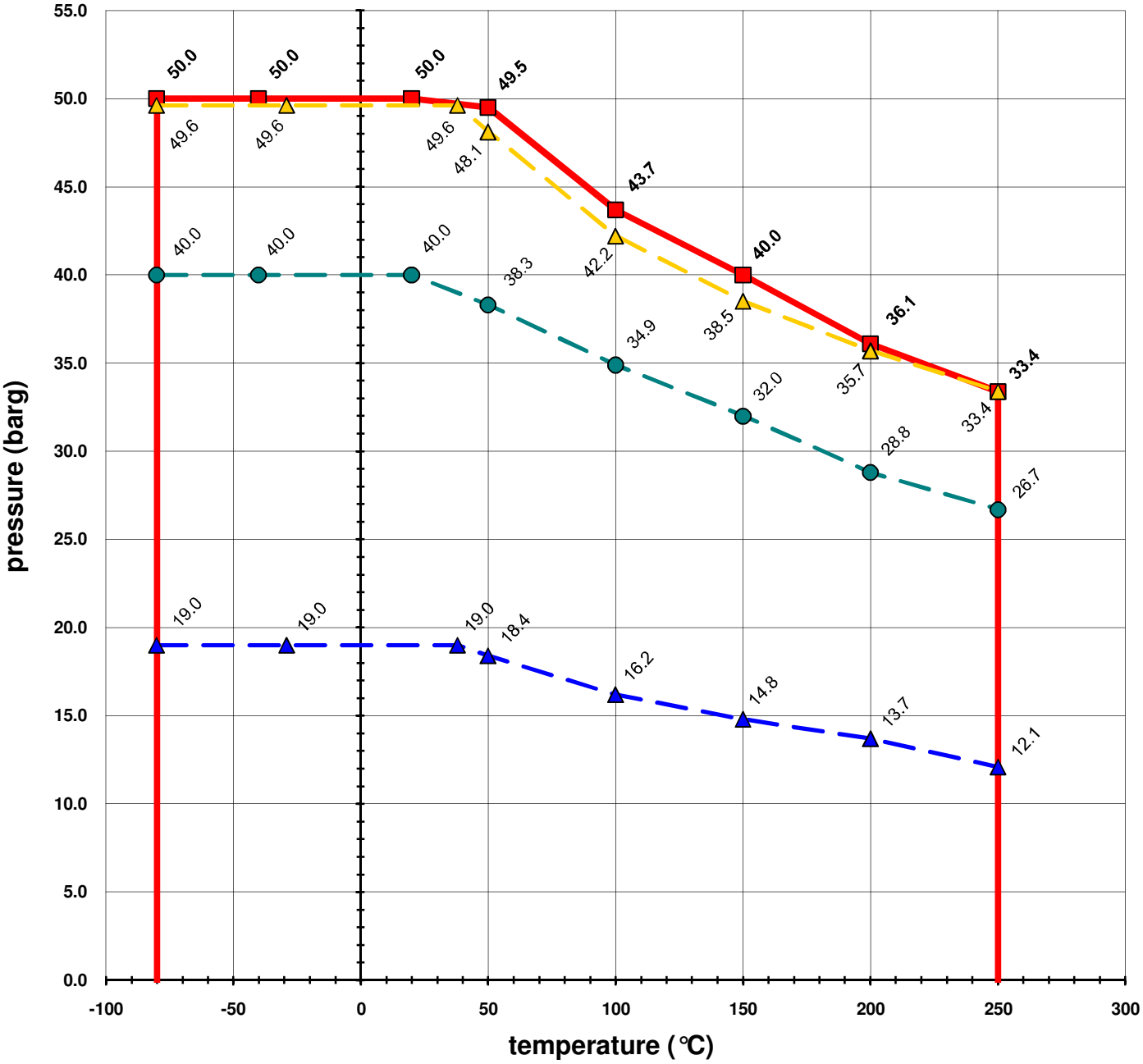
Pressure-temperature-rating for VLI Smart Line 50, all types 34000 and 34110

Max. 50bar(g) @ 20°C, up to max. 250°C for VLI bypass float chamber in SS EN 1.4401, 1.4436 / 1.4404, 1.4435 resp. ANSI 316/316L



VLI Smart Line Series PN50,
all types 34000 and 34110.
Note:
Tolerated max pressure@specified temperature of the VLI is given either by the bypass tube or by the connection flanges
--- Lower value sets the limitation! ---

ANSI class300 flanges, material group 2.2.
Applied flanges are double certified 316/316L (acc. to ANSI/ASME B16.5 and also acc. to ISO 7005-1:1992 PN50)

EN/DIN PN40 flanges in SS 1.4404/1.4435
Notes:

- EN/DIN flanges PN25 and PN40 up to DN150 have identical interface dimensions (acc. to EN1092-1)
  --- Applied flanges are PN40! ---

- EN/DIN flanges PN10 and PN16 up to DN40 have identical interface dimensions as PN40 flanges (acc. to EN1092-1)
  --- Applied flanges are PN40! ---

ANSI class150 flanges, material group 2.2.
Applied flanges are double certified 316/316L (acc. to ANSI/ASME B16.5 and also acc. to ISO 7005-1:1992 PN20)

Other flanges on request!

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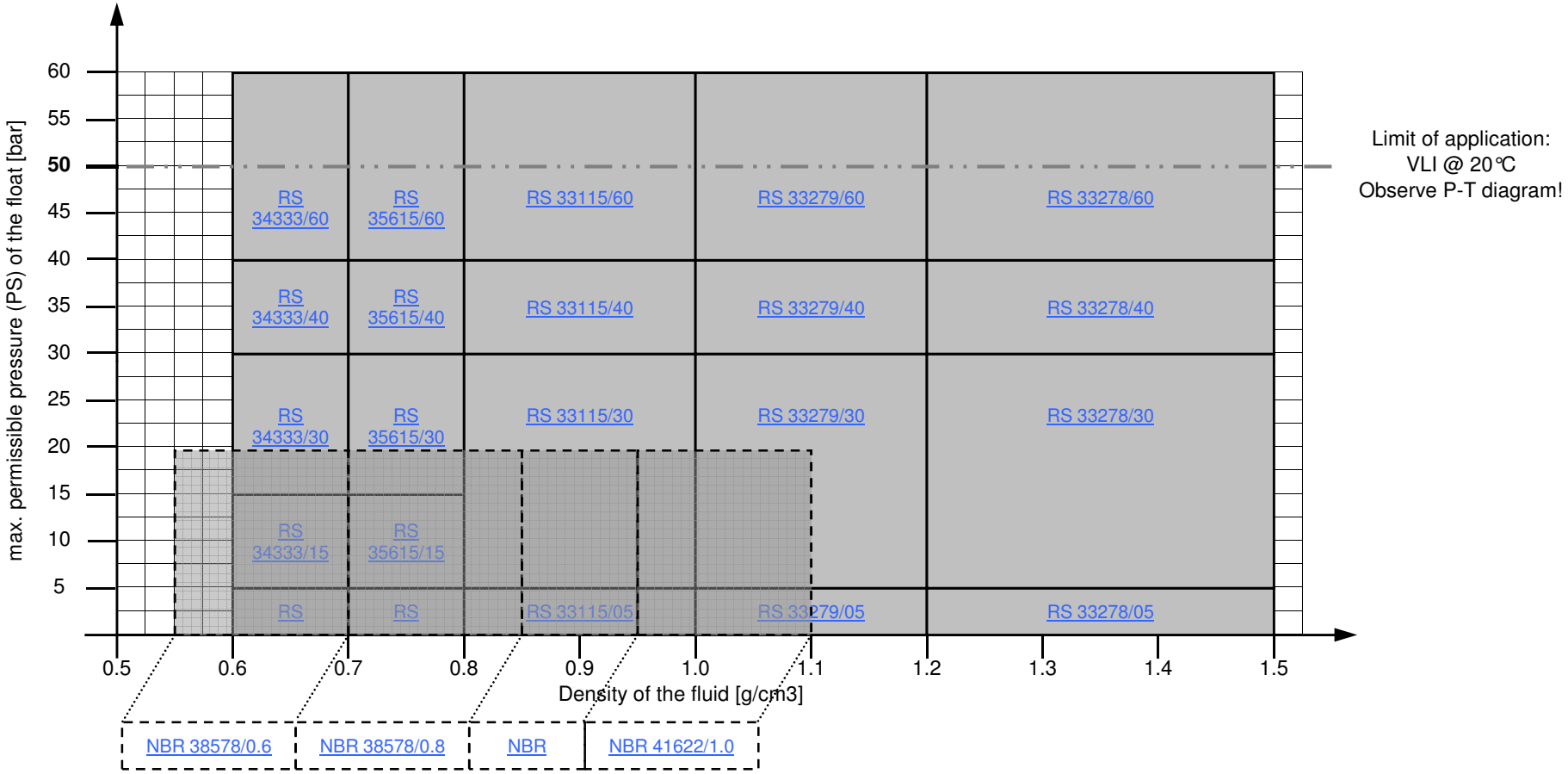
Float selection diagram

VLI Type 34000/34110, Smart Line 50

These data apply for an operating temperature of ≤ 20°C.
For higher operating temperatures, please check the max. permissible float pressure on the respective data sheet.



Comments:

NBR = foamed plastic float
RS = cylindrical float
Interior diameter of the float chamber = 29.7mm

example: 38578/X.X = Density range of the floats in g/cm3
example: 31115/XX = max. permissible pressure in bar @ 20°C

Material = NBR
Material = 316L

Attention! Check media compatibility

Additional charge for densities < 0.8g/cm3 and > 1.50g/cm3 due to extended length of bottom float run-out

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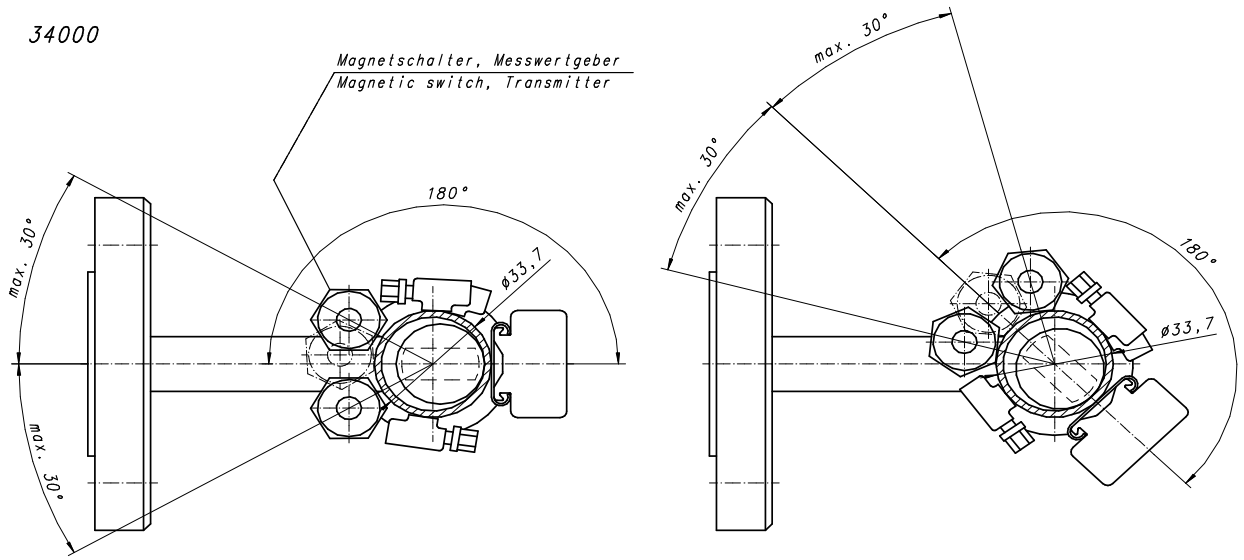
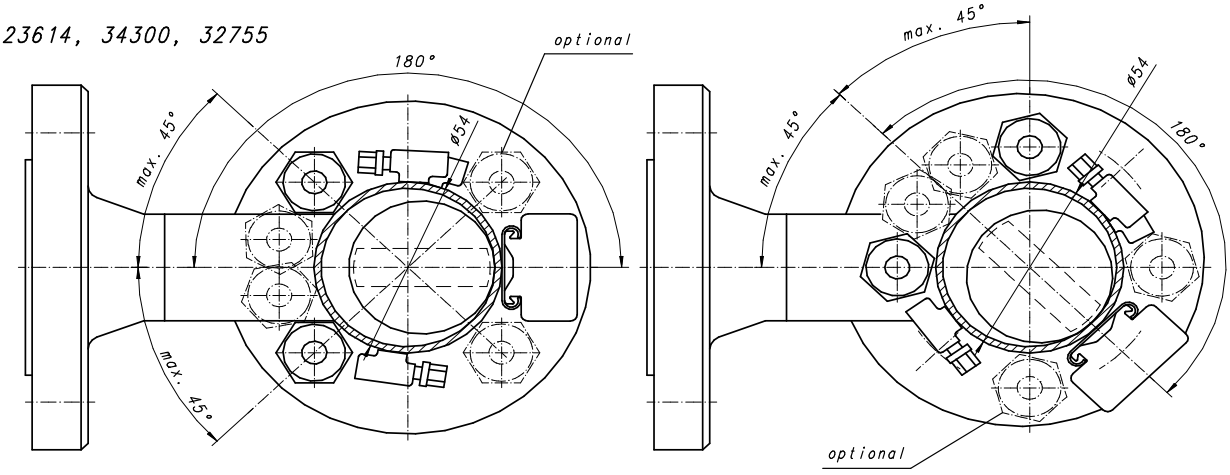
Mounting **Normal:** **Valid is the indicated switching function on the type label (float below switch)**
Installation 180 ℃ opposite of the indication rail with the permitted tolerance according to the tube diameter
Cable exit downwards

Variation: **Each of the following variants leads to a reversion of the indicated switching logic:**
Mounting with cable exit upwards
Mounting adjacent to the indication rail

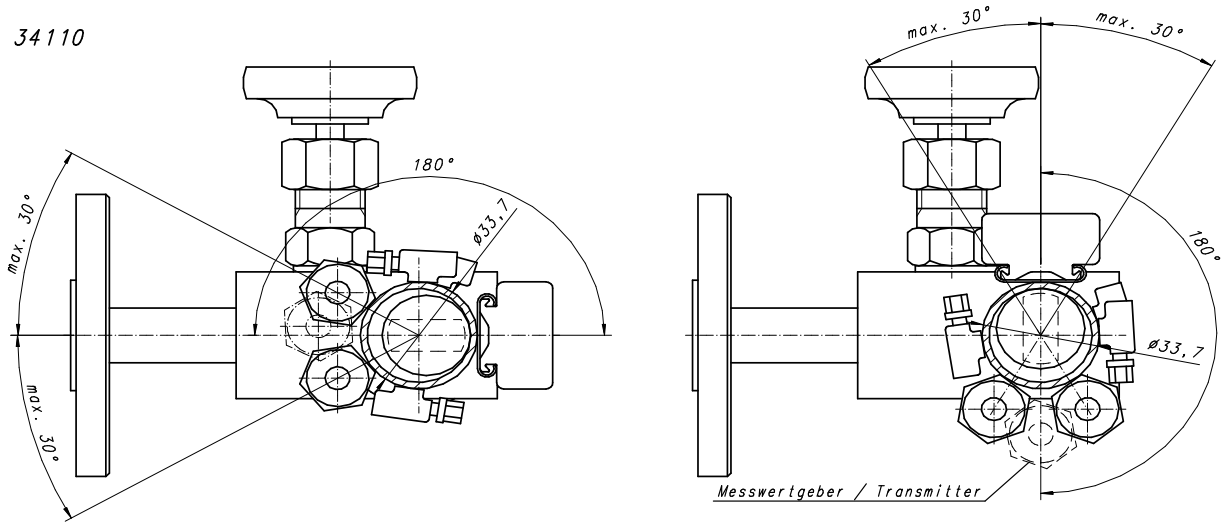
34000



23614, 34300, 32755



34110



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