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Top of Tank Line
SS & Plastics

Lines	Type	Material	Pipe O.D. x s (mm)	Operating Pressure	min. Density of Fluid g/cm3	Operating Temperature	Page
Top of Tank 6 (Float over pipe)	23013/06 p-T-rating	316&316L	53.0 x 1.5	max. 6bar@20°C	≥ 0.30*	max. 400°C	**2** **3**
Top of Tank 6 (Float inside pipe)	25270/06 p-T-rating	316&316L	53.0 x 1.5	max. 6bar@20°C	≥ 0.55*	max. 400°C	**4** **5**
Top of Tank 28 (Float inside pipe)	25270/28 p-T-rating	316&316L	53.0 x 1.5	max. 28bar@20°C	≥ 0.55*	max. 400°C	**6** **7**
Top of Tank 50 (Float inside pipe)	25270/50 p-T-rating	316&316L	54.0 x 2.0	max. 50bar@20°C	≥ 0.75*	max. 400°C	**8** **9**
Top of Tank 2.5	25272 p-T-rating	PP	63.0 x 3.6	max. 2.5bar@20°C	≥ 0.65*	max. 80°C	**10** **11**
Top of Tank 2.5	25274 p-T-rating	PVC	63.0 x 3.0	max. 2.5bar@20°C	≥ 0.73*	max. 60°C	**12** **13**
Top of Tank 10	25271 p-T-rating	PVDF	63.0 x 3.0	max. 10bar@20°C	≥ 0.87*	max. 140°C	**14** **15**

*) min. Density based on L5 = 500mm

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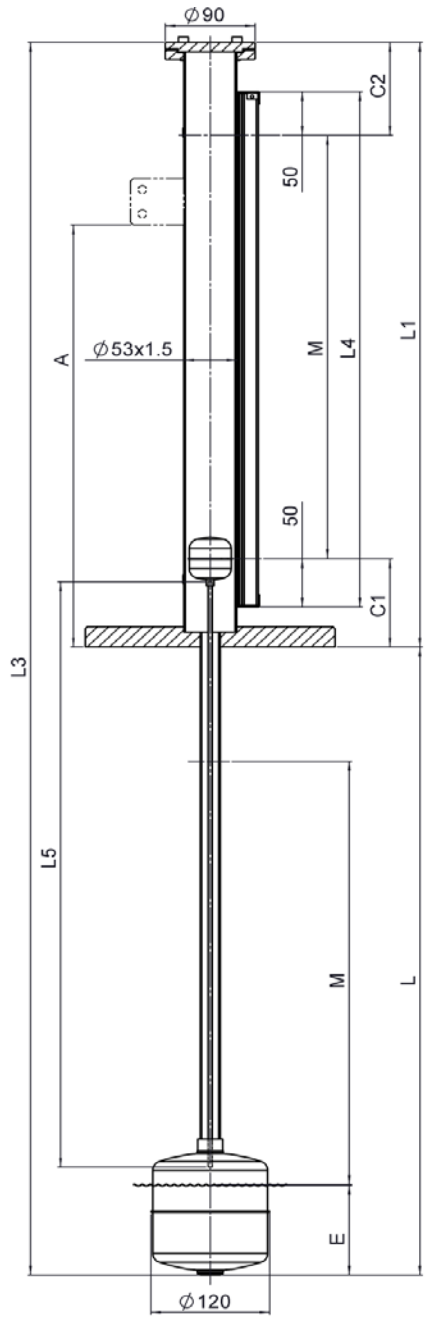
Top of Tank Line, SS — Type: 23013/06

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.30g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 6bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-80°C ... +400°C *1)	°C:	
Design temperature:	"	*°C:*	
Gaskets for top service connection:	NBR / PTFE / Graphite		-

Process Connections

Special flange execution

Process flange EN1092-1:2013
- EN1092-1/01 A/DN125/PN16/316L
- Type A : with flat face ☐

Process flange ASME B16.5:2013
- ANSI/ASME B16.5 / 5" class 150 RFSF
- RF SF: with raised face ☐

Dimensions

	Standard	Special	
Tank depth L			
Length L1 (M + 245 mm)	0		
C1	95		
C2	150		
Measuring length M (L -152 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

Float chamber: 316&316L

Float: Standard (23230) -

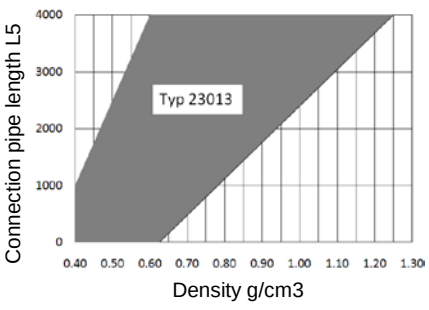
Magnet holder: Standard (27483) -

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	95	150



Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
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 rating of any connecting flange or fitting and float chamber sets the limitation. The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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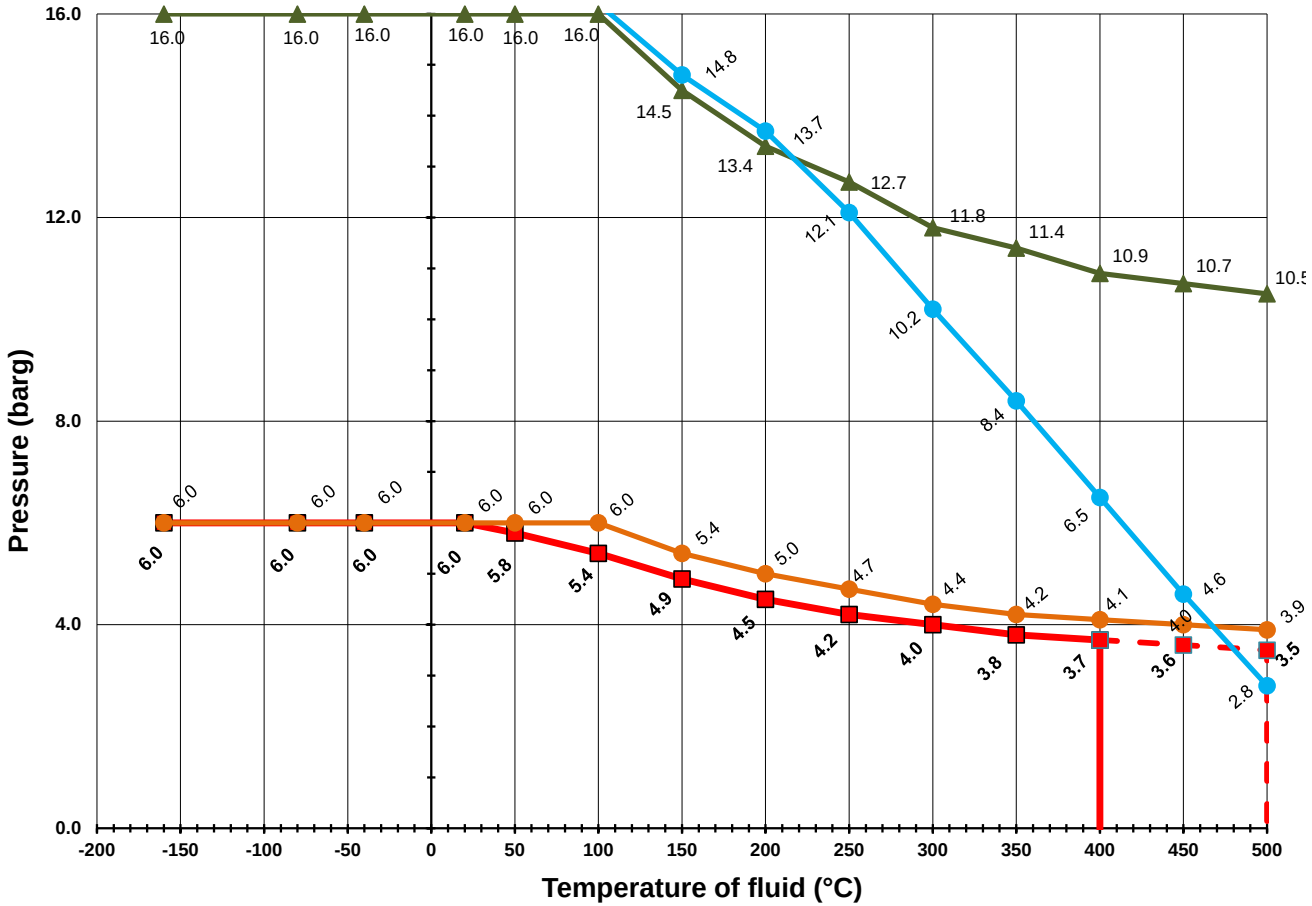
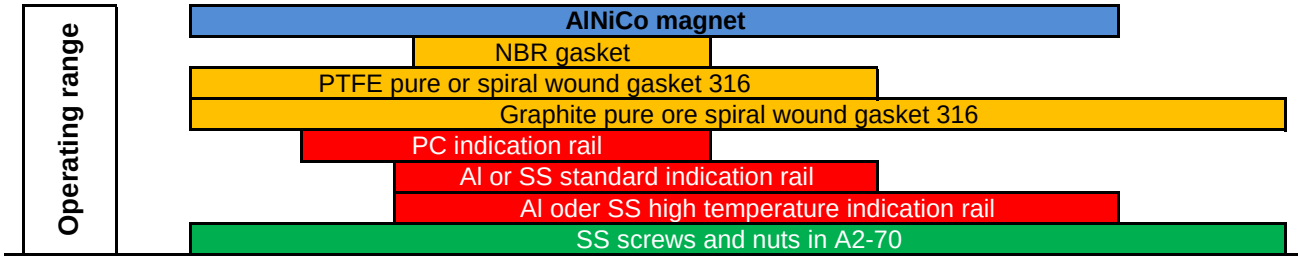
Pressure-temperature rating for Top of Tank Line SS 23013/06

Max. 6bar(g)@20°C, up to max. 500°C for ToT float chambers in SS EN 1.4401, 1.4436 & 1.4404, 1.4435 resp. ANSI 316&316L



- ToT Type 23013/06
- Additional range of float chamber without float and magnet holder
- EN 1092-1:2013 PN6 flange double certified 1.4401/1.4436 & 1.4404/1.4435 Material group 14E0
- EN 1092-1:2013 PN16 flange double certified 1.4401/1.4436 & 1.4404/1.4435 Material group 14E0
- ASME B16.5:2013 class150 flange double certified 316&316L Material group 2.2 resp. 2A2



Other flanges on request

Notes:

- **EN1092-1:2013 flange PN2.5 and PN6 use identical interface dimensions**
- **EN1092-1:2013 flange PN10 and PN16 up to DN150 use identical interface dimensions**
- **Tolerated max. pressure @ specified temperature for the ToT is given eithter by the float chamber or by the process flange --- Lower value sets the limitation! ---**

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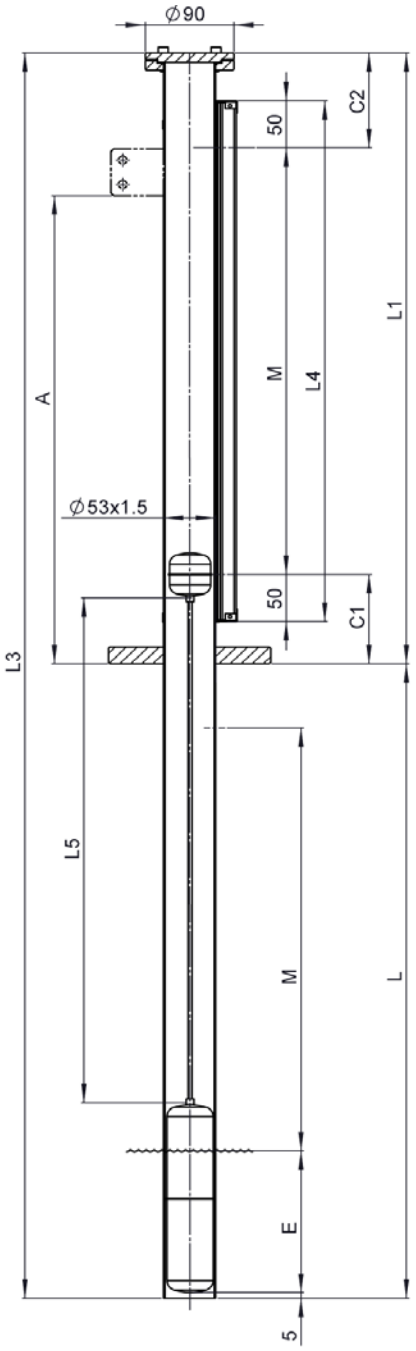
Top of Tank Line, SS — Type: 25270/06

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.55g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 6bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-40°C ... +400°C *1)	°C:	
Design temperature:	"	*°C:*	
Gaskets for top service connection:	NBR / PTFE / Graphite		-

Process Connections

Special flange execution

Process flange EN1092-1:2013
- EN1092-1/01 A/DN50/PN16/316L
- Type A : with flat face ☐

Process flange ASME B16.5:2013
- ANSI/ASME B16.5 / 2" class 150 RFSF
- RF SF: with raised face ☐

Dimensions

	Standard	Special	
Tank depth L			
Length L1 (M + 245 mm)	0		
C1	95		
C2	150		
Measuring length M (L - 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

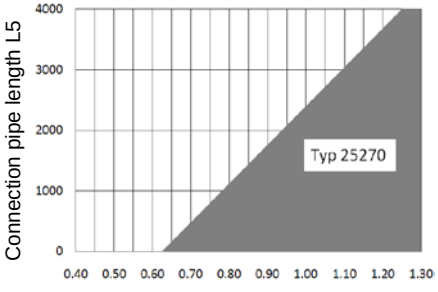
Float chamber:	316&316L	
Float:	Standard (27485)	-
Magnet holder:	Standard (27483)	-

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	95	150



Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
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 rating of any connecting flange or fitting and float chamber sets the limitation. The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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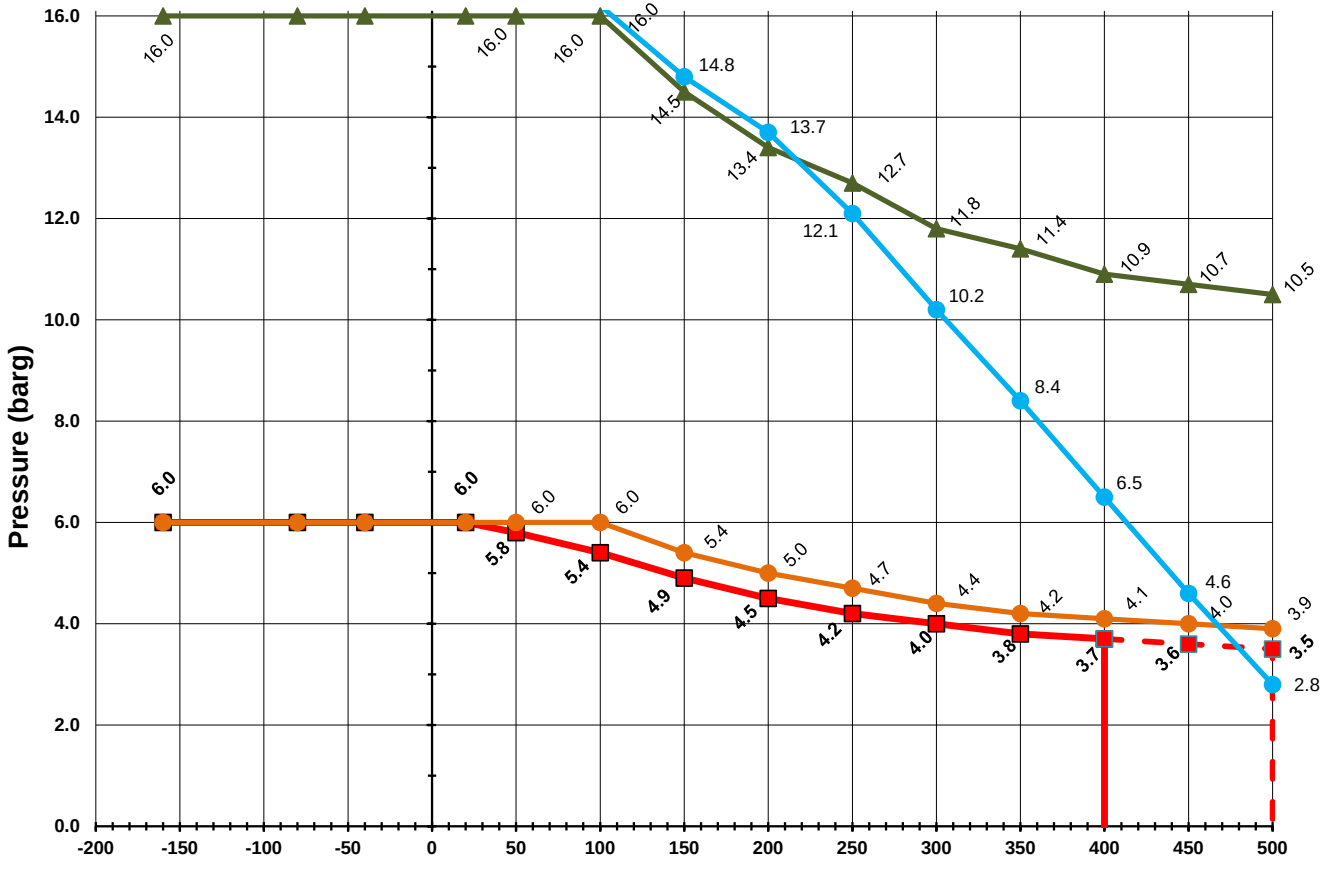
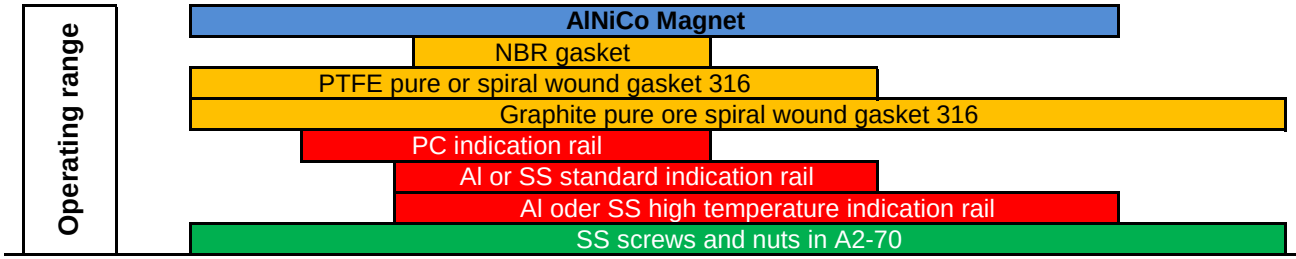
Pressure-temperature rating for Top of Tank Line SS 25270/06

Max. 6bar(g)@20°C, up to max. 500°C for ToT float chambers in SS EN 1.4401, 1.4436 & 1.4404, 1.4435 resp. ANSI 316&316L





- ToT Type 25270/06
- Additional range of float chamber without float and magnet holder
- EN 1092-1:2013 PN6 flange double certified 1.4401/1.4436 & 1.4404/1.4435 Material group 14E0
- EN 1092-1:2013 PN16 flange double certified 1.4401/1.4436 & 1.4404/1.4435 Material group 14E0
- ASME B16.5:2013 class150 flange double certified 316&316L Material group 2.2 resp. 2A2

Other flanges on request

Notes:

- **EN1092-1:2013 flange PN2.5 and PN6 use identical interface dimensions**
- **EN1092-1:2013 flange PN10 and PN16 up to DN150 use identical interface dimensions**
- **Tolerated max. pressure @ specified temperature for the ToT is given eithter by the float chamber or by the process flange --- Lower value sets the limitation! ---**

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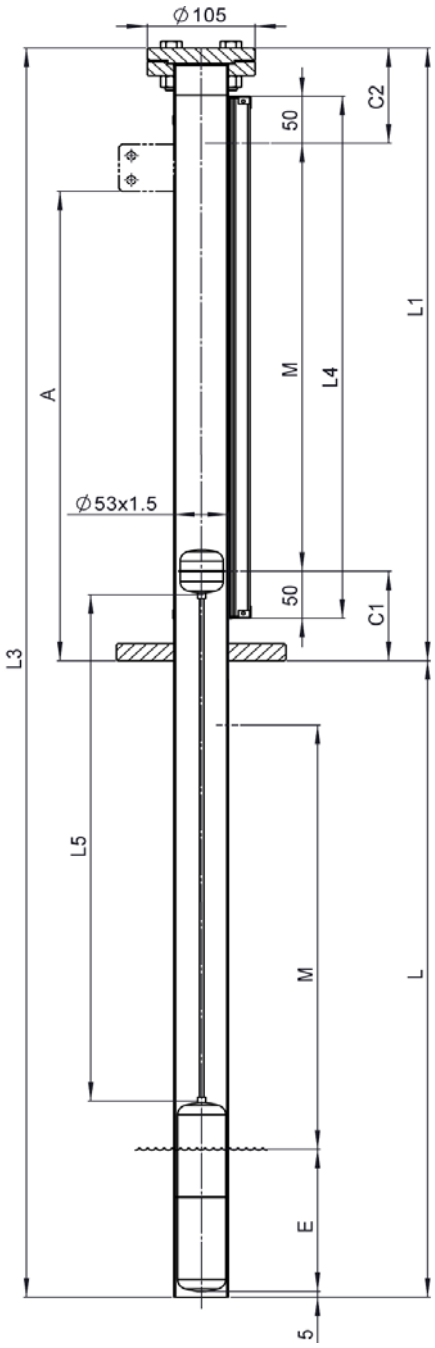
Top of Tank Line, SS — Type: 25270/28

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.55g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 28bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-40°C ... +400°C *1)	°C:	
Design temperature:	"	*°C:*	
Gaskets for top service connection:	NBR / PTFE / Graphite		-

Process Connections

Special flange execution

Process flange EN1092-1:2013
- EN1092-1/01 A/DN50/PN40/316L
- Type A : with flat face ☐

Process flange ASME B16.5:2013
- ANSI/ASME B16.5 / 2" class 300 RFSF
- RF SF: with raised face ☐

Dimensions

	Standard	Special	
Tank depth L			
Length L1 (M + 245 mm)	0		
C1	95		
C2	150		
Measuring length M (L - 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5 (L - 140 mm)	0	0	
Immersion depth E	-	-	-

Design and Materials

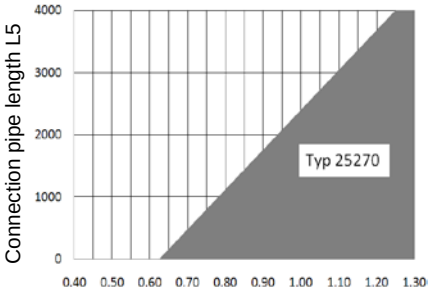
Float chamber:	316&316L
Float:	-
Magnet holder:	-

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	95	150



Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
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 rating of any connecting flange or fitting and float chamber sets the limitation.
The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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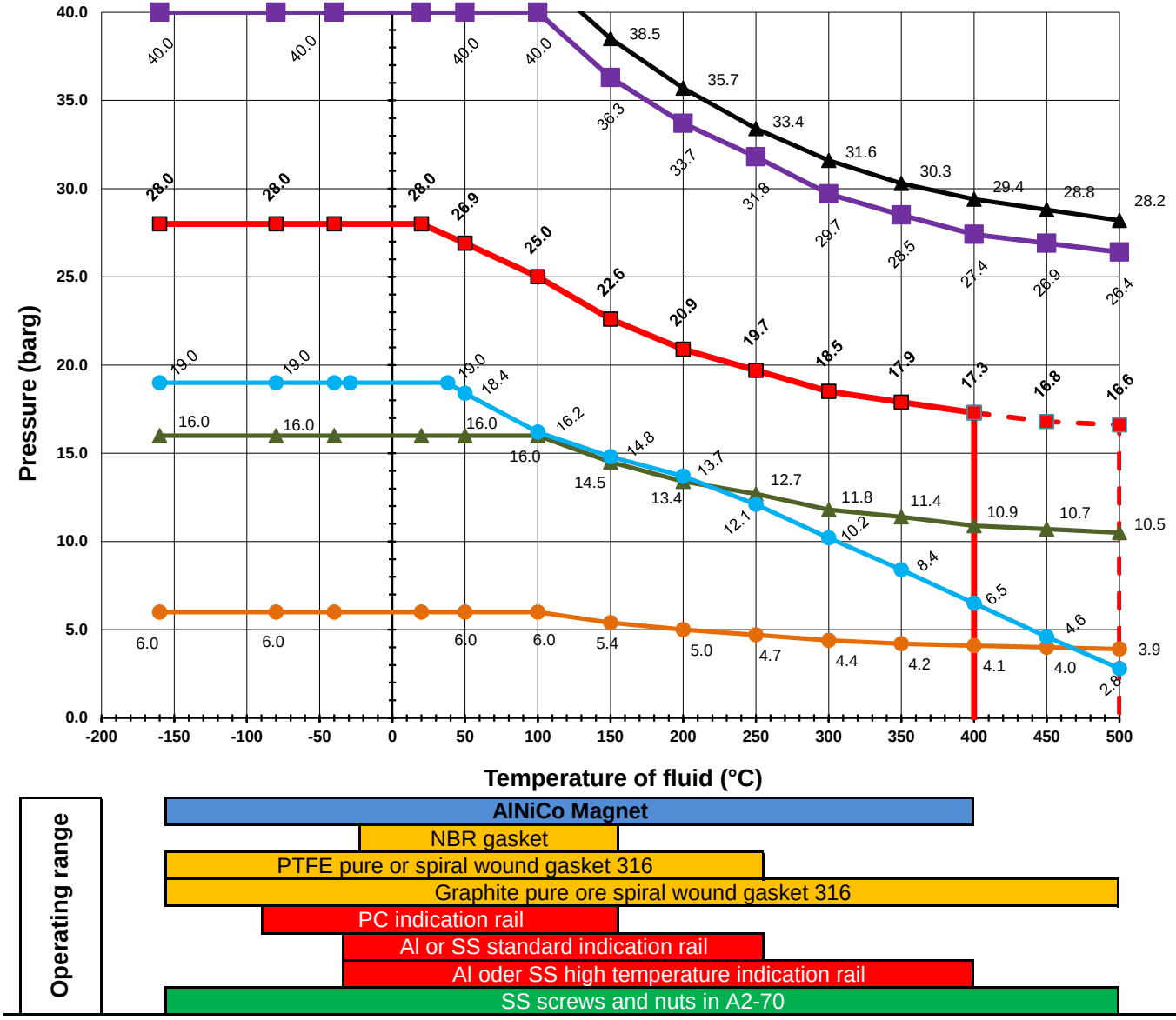
Pressure-temperature rating for Top of Tank Line SS 25270/28

Max. 28bar(g)@20°C, up to max. 500°C for ToT float chambers in SS EN 1.4401, 1.4436 & 1.4404, 1.4435 resp. ANSI 316&316L



ToT Type 25270/28

Additional range of float chamber without float and magnet holder

EN 1092-1:2013 PN6 flange
double certified 1.4401/1.4436 & 1.4404/1.4435
Material group 14E0

EN 1092-1:2013 PN16 flange
double certified 1.4401/1.4436 & 1.4404/1.4435
Material group 14E0

EN 1092-1:2013 PN40 flange
double certified 1.4401/1.4436 & 1.4404/1.4435
Material group 14E0

ASME B16.5:2013 class150 flange
double certified 316&316L
Material group 2.2 resp. 2A2

ASME B16.5:2013 class300 flange
double certified 316&316L
Material group 2.2 resp. 2A2

Other flanges on request

Notes:

- **EN1092-1:2013 flange PN10 and PN16 up to DN150 use identical interface dimensions**
- **EN1092-1:2013 flange PN25 and PN40 up to DN150 use identical interface dimensions**
- **Tolerated max. pressure @ specified temperature for the ToT is given eithter by the float chamber or by the process flange --- Lower value sets the limitation! ---**

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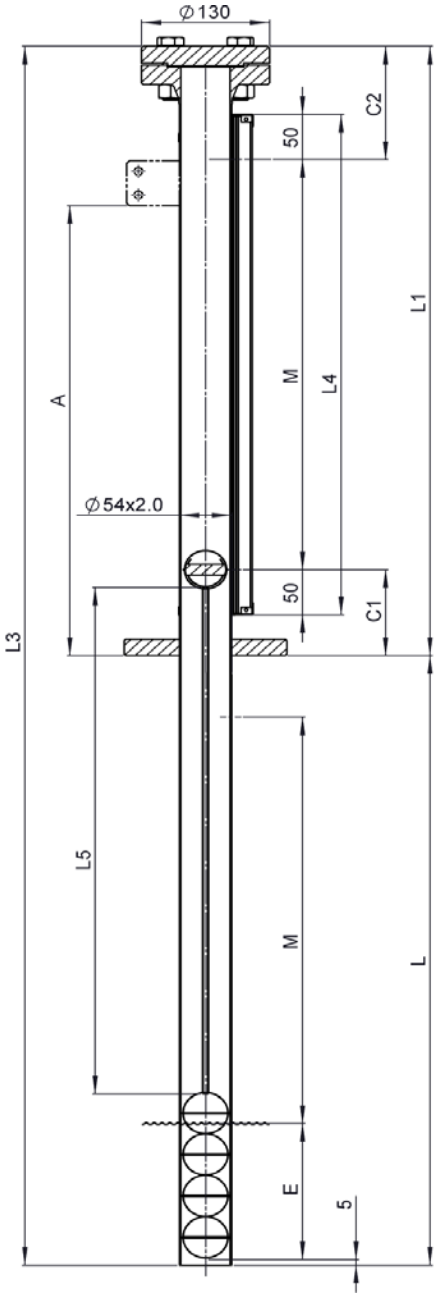
Top of Tank Line, SS — Type: 25270/50

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.75g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 50bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-40°C ... +400°C *1)	°C:	
Design temperature:	"	*°C:*	
Gaskets for top service connection:	NBR / PTFE / Graphite		-

Process Connections

Special flange execution

Process flange EN1092-1:2013
- EN1092-1/01 A/DN50/PN63/316L
- Type A : with flat face ☐

Process flange ASME B16.5:2013
- ANSI/ASME B16.5 / 2" class 300 RFSF
- RF SF: with raised face ☐

Dimensions

	Standard	Special	
Tank depth L			
Length L1 (M + 245 mm)	0		
C1	95		
C2	150		
Measuring length M (L - min. 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

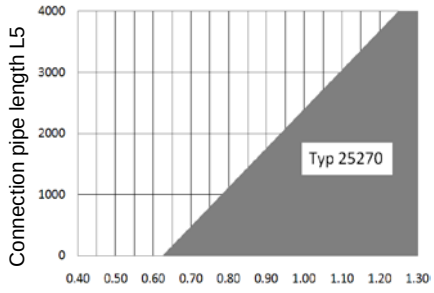
Float chamber:	316&316L
Float:	-
Magnet holder:	-

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	95	150



Density g/cm3

Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
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 rating of any connecting flange or fitting and float chamber sets the limitation. The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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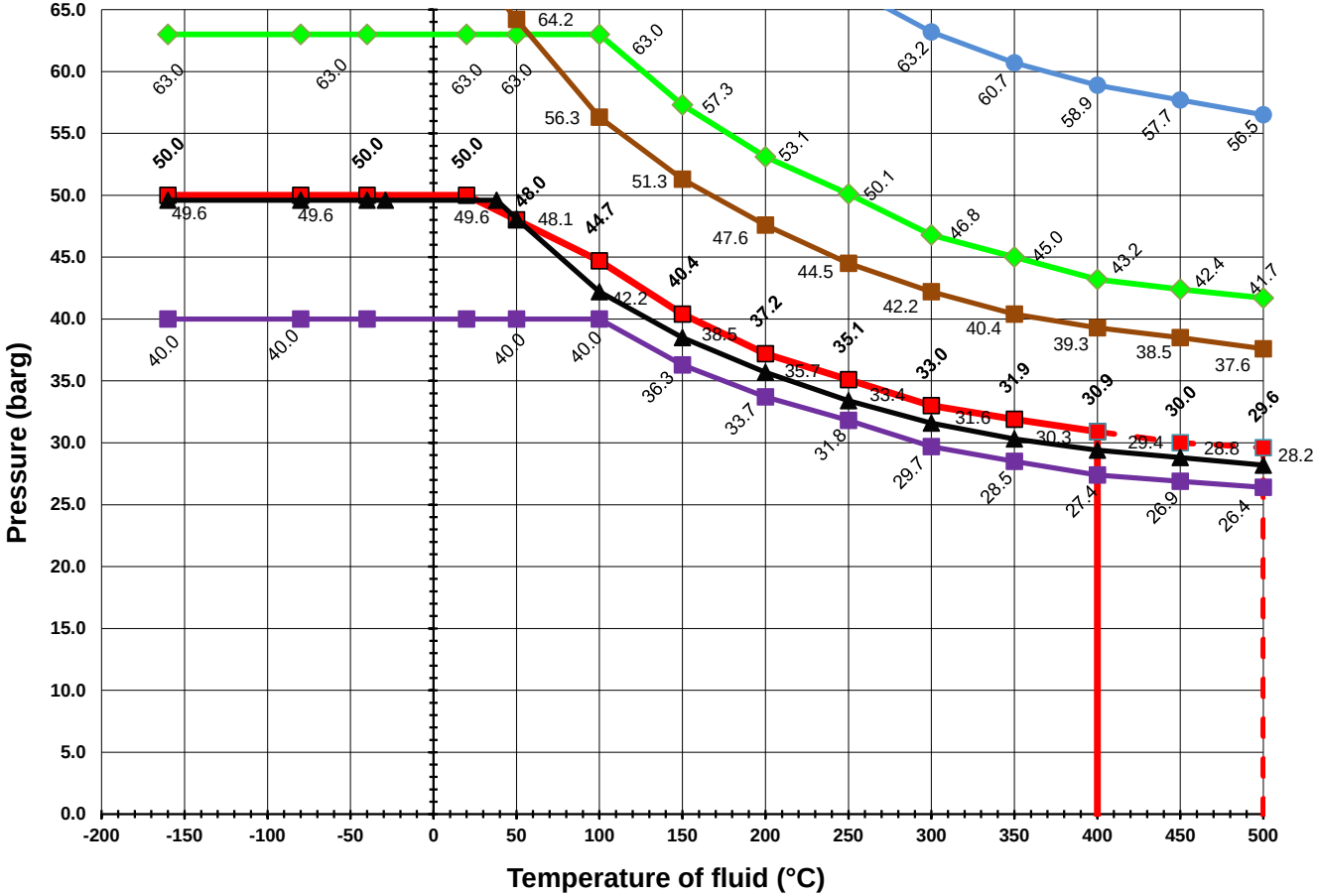
Pressure-temperature rating for Top of Tank Line SS 25270/50

Max. 50bar(g)@20°C, up to max. 500°C for ToT float chambers in SS EN 1.4401, 1.4436 & 1.4404, 1.4435 resp. ANSI 316&316L



ToT Type 25270/50

Additional range of float chamber without float and magnet holder

EN 1092-1:2013 PN40 flange
double certified 1.4401/1.4436 & 1.4404/1.4435
Material group 14E0

EN 1092-1:2013 PN63 flange
double certified 1.4401/1.4436 & 1.4404/1.4435
Material group 14E0

ASME B16.5:2013 class300 flange
double certified 316&316L
Material group 2.2 resp. 2A2

ASME B16.5:2013 class400 flange
double certified 316&316L
Material group 2.2 resp. 2A2

ASME B16.5:2013 class600 flange
double certified 316&316L
Material group 2.2 resp. 2A2

Other flanges on request

Notes:

- **Tolerated max. pressure @ specified temperature for the ToT is given eithter by the float chamber or by the process flange**
  --- Lower value sets the limitation! ---

Operating range

- **AlNiCo Magnet**
- NBR gasket
- PTFE pure or spiral wound gasket 316
- Graphite pure ore spiral wound gasket 316
- PC indication rail
- Al or SS standard indication rail
- Al oder SS high temperature indication rail
- SS screws and nuts in A2-70

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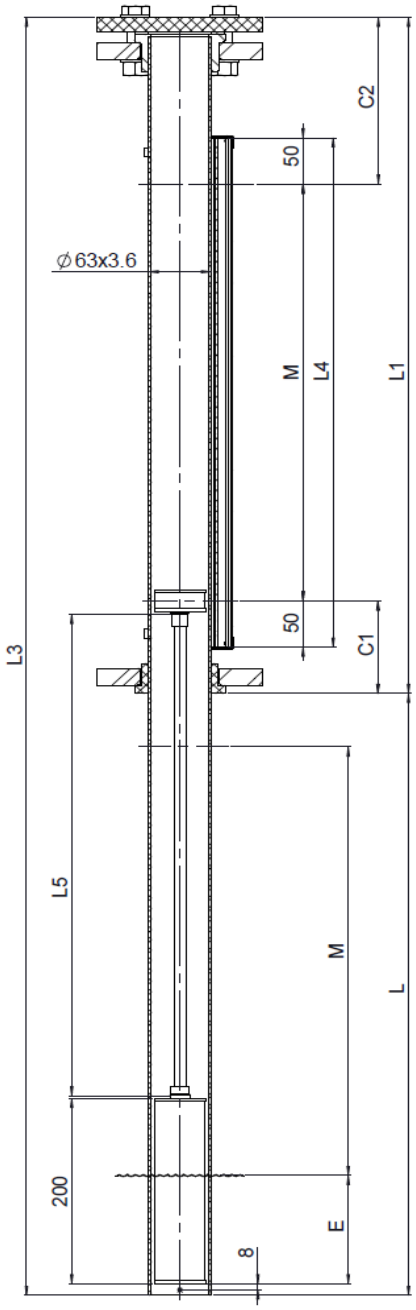
Top of Tank Line, Plastics — Type: 25272/2.5 PP

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.65g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 2.5bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-10°C ... +80°C *1)	°C:	
Design temperature:	"	*°C:*	

Gaskets for top service connection: FKM

Process Connections

Connection dimension acc. EN1092 : 2013

- EN1092-1/02 A/DN50/PN16/PP-V
- Collar bushing, sealing surface grooved ☐

Connection dimension acc. ASME B16.5:2013

- ANSI/ASMEB16.5/2"class150/PP-V
- Collar bushing, sealing surface grooved ☐

Special flange execution

Dimensions	**Standard**	**Special**	
Tank depth L			
Length L1 (M + 280 mm)	0		
C1	100		
C2	180		
Measuring length M (L - 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

Float chamber: PP

Float: -

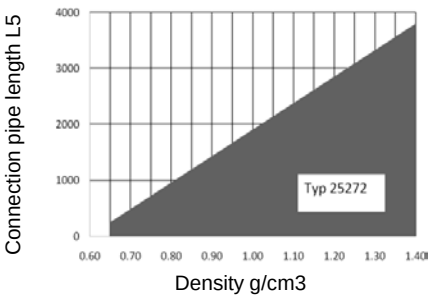
Magnet holder: -

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	100	180



Accessories (refer to installation instructions 20010501)

Reinforcement pipe D68x1.5mm:			☐
Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
Converter:	Type:		
Additional accessories:			

Special Executions & Additional Notes

Notes

*1) Refer to pressure-temperature rating! Lowest rating of any connecting flange or fitting and float chamber sets the limitation. The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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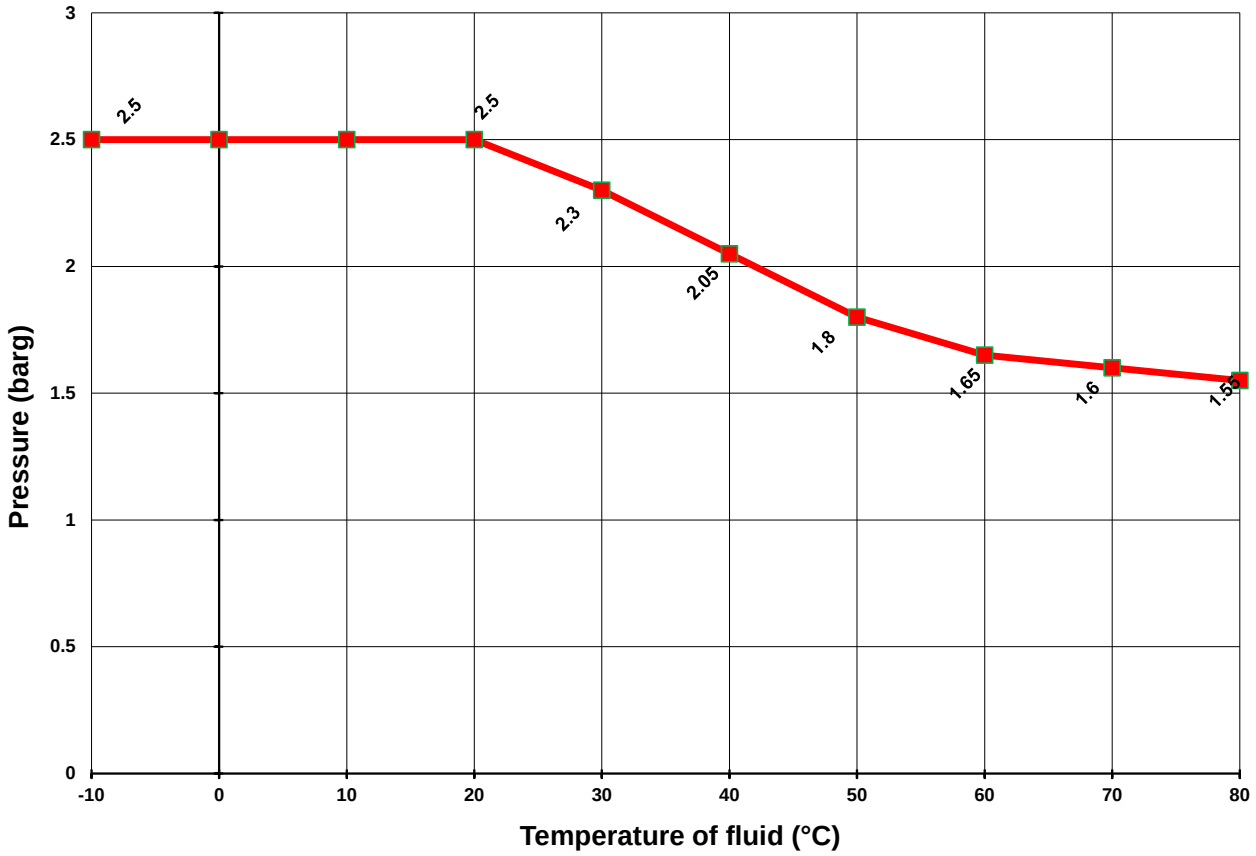
Pressure-temperature rating for Top of Tank Plastic, 25272/PP

Max. 2.5bar(g)@20°C, up to max. 80°C for ToT float chambers in PP



Operating range

AlNiCo Magnet
NBR gasket
PC indication rail
Al or SS standard indication rail
Al oder SS high temperature indication rail
SS screws and nuts in A2-70

Notes:
The indicated values are for an estimated use of maximum 25 years. The values were determined for water or water-like media only. No reduction factor for other chemicals has been used. When using media with possible additional wear the lifetime may be reduced accordingly.

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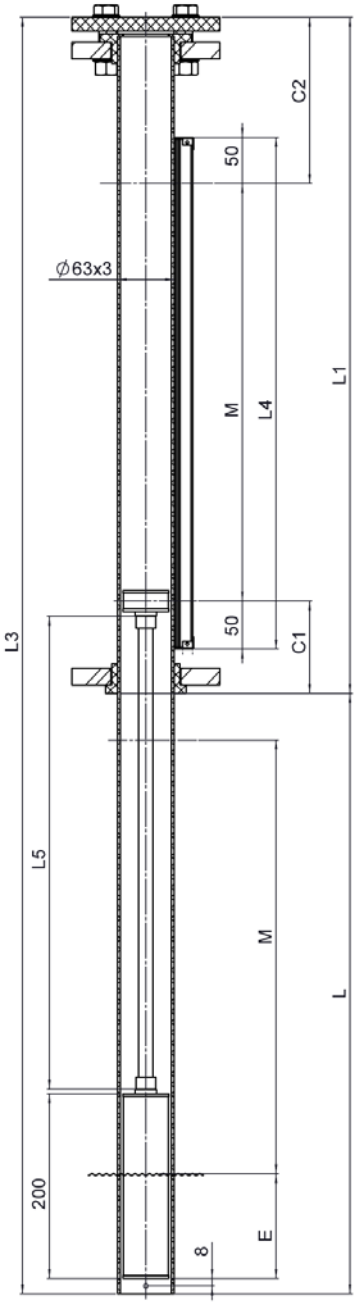
Top of Tank Line, Plastics — Type: 25274/2.5 PVC

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.73g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 2.5bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	0°C ... +60°C *1)	°C:	
Design temperature:	"	*°C:*	

Gaskets for top service connection: FKM

Process Connections

Special flange execution

Connection dimension acc. EN1092 : 2013
- EN1092-1/02 A/DN50/PN16/PP-V
- Collar bushing, sealing surface grooved ☐

Connection dimension acc. ASME B16.5:2013
- ANSI/ASMEB16.5/2"class150/PP-V
- Collar bushing, sealing surface grooved ☐

Dimensions	**Standard**	**Special**	
Tank depth L			
Length L1 (M + 280 mm)	0		
C1	100		
C2	180		
Measuring length M (L - 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

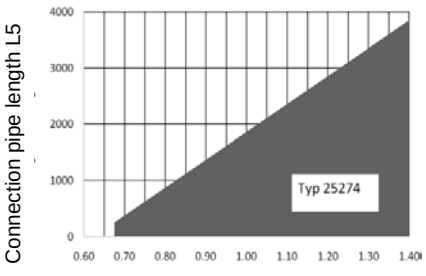
Float chamber:	PVC	
Float:		-
Magnet holder:		-

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	100	180



Accessories (refer to installation instructions 20010501)

Reinforcement pipe D68x1.5mm:			☐
Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
Converter:	Type:		
Additional accessories:			

Special Executions & Additional Notes

Notes

*1) Refer to pressure-temperature rating! Lowest rating of any connecting flange or fitting and float chamber sets the limitation.
The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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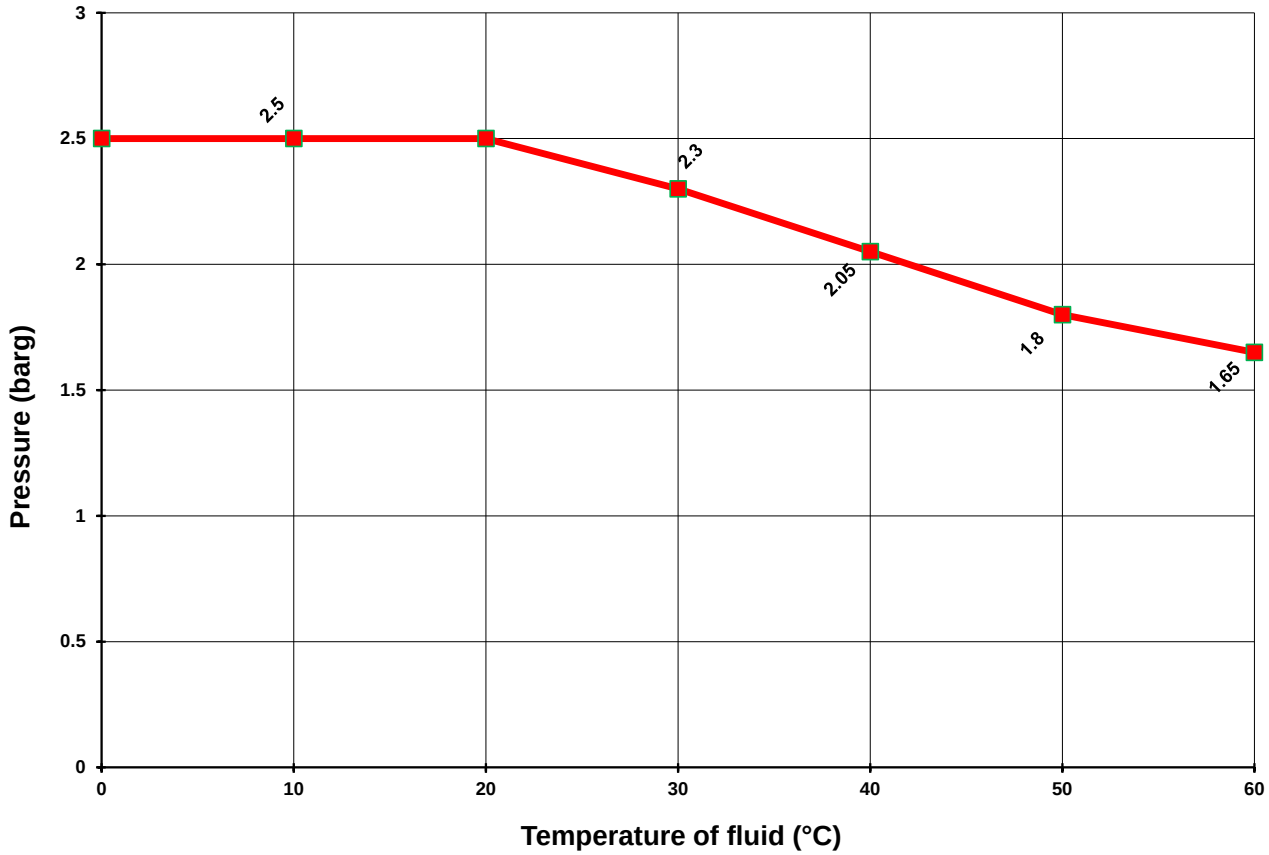
Pressure-temperature rating for Top of Tank Plastic, 25274/PVC

Max. 2.5bar(g)@20°C, up to max. 60°C for ToT float chambers in PVC



Operating range

AlNiCo Magnet
NBR gasket
PC indication rail
Al or SS standard indication rail
Al oder SS high temperature indication rail
SS screws and nuts in A2-70

Notes:
The indicated values are for an estimated use of maximum 25 years. The values were determined for water or water-like media only. No reduction factor for other chemicals has been used. When using media with possible additional wear the lifetime may be reduced accordingly.

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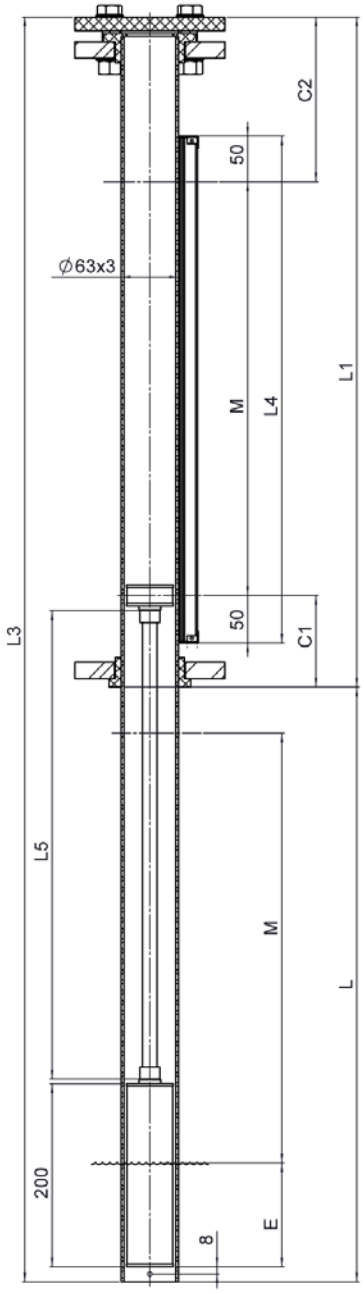
Top of Tank Line, Plastics — Type: 25271/10 PVDF

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



Purchase Order Data

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

Operating Conditions

Fluid:			
Density:	≥ 0.87g/cm3 @ L5=500	g/cm3:	
Viscosity:	≤ 600cSt	cSt:	
Operation pressure:	max. 10bar(g)@20°C *1)	bar(g):	
Design pressure:	"	*bar(g):*	
Operation temperature:	-20°C ... +140°C *1)	°C:	
Design temperature:	"	*°C:*	

Gaskets for top service connection: FKM

Process Connections

Special flange execution

Connection dimension acc. EN1092 : 2013

- EN1092-1/02 A/DN50/PN16/PP-V (t< 80°C) ☐
- EN1092-1/02 A/DN50/PN16/316L ☐
- Collar bushing, sealing surface grooved

Connection dimension acc. ASME B16.5:2013

- ANSI/ASMEB16.5/2"cl.150/PP-V (t< 80°C) ☐
- ANSI/ASME B16.5/2"cl.150/316L ☐
- Collar bushing, sealing surface grooved

Dimensions	**Standard**	**Special**	
Tank depth L			
Length L1 (M + 280 mm)	0		
C1	100		
C2	180		
Measuring length M (L - 200 mm)	0	0	
Length L4 (M + 100 mm)	0	0	
Connection pipe length L5	0	0	
Immersion depth E	-	-	-

Design and Materials

Float chamber: PVDF

Float: -

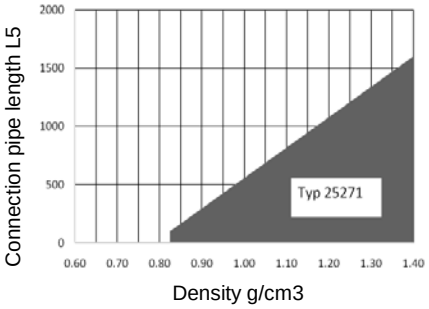
Magnet holder: Standard (29601) -

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		☐
316L, IP67 (<250°C)	Flaps: red-silver	No.: 42403		☐
316L, IP67 (<400°C)	Flaps: black-silver	No.: 42404		☐
Special execution	Flaps:	No.:		

Float Extension bottom / top

	C1:	C2:
Standard	100	180



Accessories (refer to installation instructions 20010501)

Reinforcement pipe D68x1.5mm:			☐
Fixation bracket No. 26936:		Dim. "A" [mm]:	
Magnetic switch:	Quantity:	Type:	
Transmitter:	Resolution [mm]:	Type:	
Electrical measuring length Mel [mm]:			
Converter:	Type:		
Additional accessories:			

Special Executions & Additional Notes

Notes

*1) Refer to pressure-temperature rating! Lowest rating of any connecting flange or fitting and float chamber sets the limitation. The test pressure PT is specified acc. to WEKA specifications AW 2.1.2.

All mentioned dimensions are in mm and are valid only for ToT standard executions.

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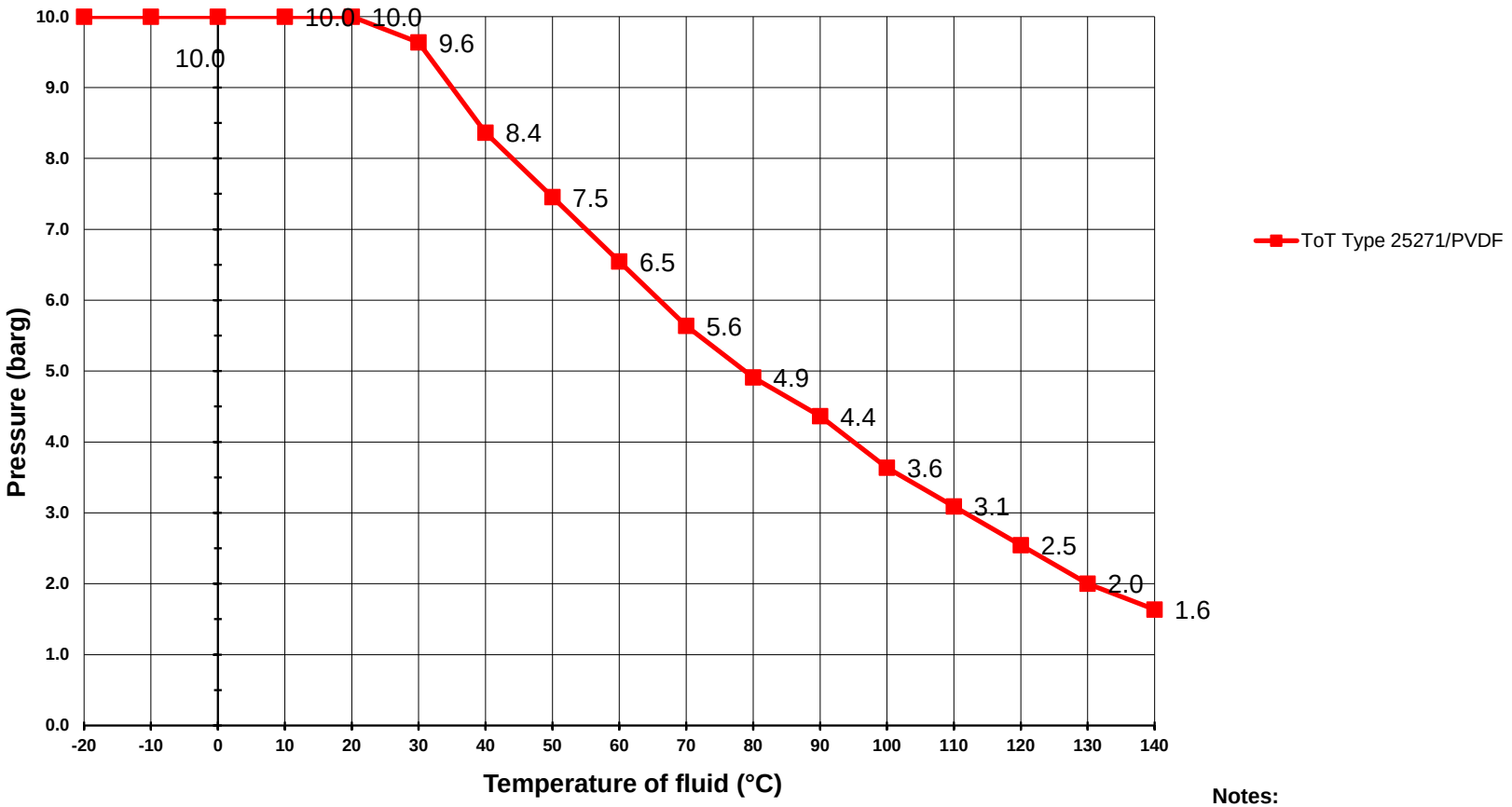
Pressure-temperature rating for Top of Tank Plastic, 25271/PVDF

Max. 10bar(g)@20°C, up to max.140°C for ToT float chambers in PVDF



Operating range

AlNiCo Magnet
NBR gasket
PC indication rail
Al or SS standard indication rail
Al oder SS high temperature indication rail
SS screws and nuts in A2-70

Notes:
The indicated values are for an estimated use of maximum 25 years. The values were determined for water or water-like media only. No reduction factor for other chemicals has been used. When using media with possible additional wear the lifetime may be reduced accordingly.

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