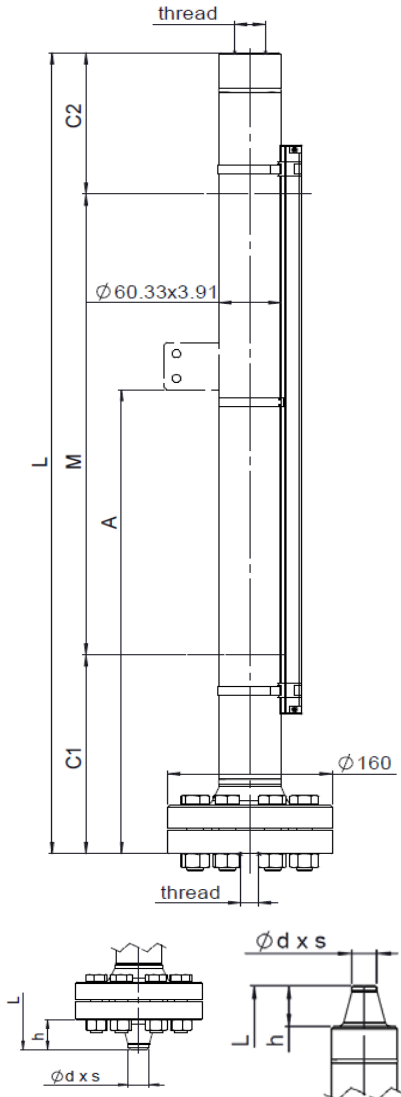


# High Pressure Line 150

Type: 25683-A

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



**Float extension lower / upper:**

	C1:	C2:
Standard	200	150

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

**Purchase Order Data:**

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

**Operating Conditions**

Fluid:	
Density:	≥ 0.7g/cm <sup>3</sup> g/cm <sup>3</sup> :
Viscosity:	≤ 600cSt cSt:
Operating pressure:	max. 150bar(g) @ 20°C *1) bar(g):
Design pressure:	" bar(g):
Operating temperature:	-80°C ... 400°C *1) °C:
Design temperature:	" °C:
Connecting Distance "L":	max. 5800mm (one-piece design) mm:

**Design and Materials:**

standard execution:	
Float chamber:	316&316L
Float:	Ti-alloy type no.:

Screws and nuts in A2-70 (AISI 304) for operating temp. -80°C ... +400°C

Damping spring, 1.4401	No.: 27399	top <input type="checkbox"/>	bottom <input type="checkbox"/>
Gaskets:	Graphite incl. reinforcing net in ss 316/316L (≤ 400°C) Standard <input type="checkbox"/>		
	Spiral wound gasket Graphit & 316 (≤ 400°C) <input type="checkbox"/>		

**Process Connections**

- Female thread acc. ISO7-1 resp. ISO 228-1, without plug Rp1/2" resp. **G1/2"**:
- Female thread acc. ISO7-1 resp. ISO 228-1, without plug Rp3/4" resp. **G3/4"**:
- Female thread acc. ISO7-1 resp. ISO 228-1, without plug Rp1" resp. **G1"**:
- Female thread acc. ANSI, without plug **NPT 1/2"**:
- Female thread acc. ANSI, without plug **NPT 3/4"**:
- Female thread acc. ANSI, without plug **NPT 1"**:
- Butt weld ends acc. to ISO/EN; 21.3 x 2.0mm; h = 25mm DN15:
- Butt weld ends acc. to ISO/EN; 26.9 x 2.6mm; h = 26mm DN20:
- Butt weld ends acc. to ISO/EN; 33.7 x 2.6mm; h = 34mm DN25:
- Butt weld ends acc. to ANSI B.36.10; 21.34 x 2.77mm; h = 38mm 1/2" (Sch40):
- Butt weld ends acc. to ANSI B.36.10; 26.67 x 2.87mm; h = 41.5mm 3/4" (Sch40):
- Butt weld ends acc. to ANSI B.36.10; 33.40 x 3.38mm; h = 44.5mm 1" (Sch40):

**Other Connections**

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**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	
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.:	

**Accessories** (refer to installation instructions 20010501)

Fixation bracket No. 26936:	Quantity:	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**

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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.

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