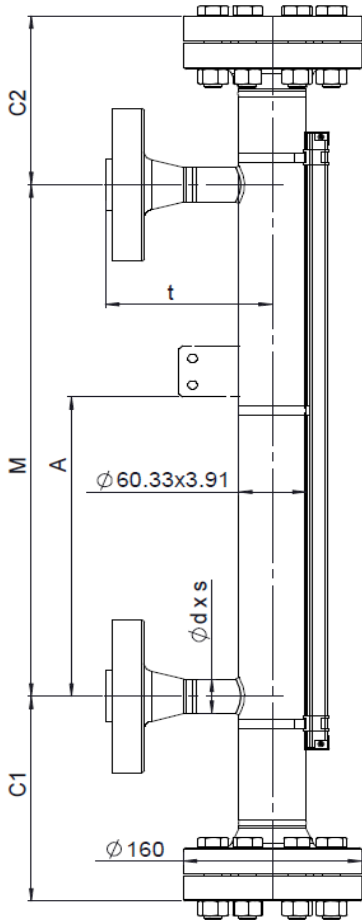


# High Pressure Line 150

Type: 25683-O

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:  $\geq 0.7 \text{g/cm}^3$    $\text{g/cm}^3$   
 Viscosity:  $\leq 600 \text{cSt}$    $\text{cSt}$   
 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. 5600mm (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  bottom   
 Gaskets: Graphite incl. reinforcing net in ss 316/316L ( $\leq 400^\circ\text{C}$ ) Standard   
 Spiral wound gasket Graphit & 316 ( $\leq 400^\circ\text{C}$ )

### Process Connections

#### EN-Connecting Flanges acc. EN1092-1 (Standard):

- EN1092-1/11 B1/DNxx/PN160/316L DN15:   
 - wn-flange, RF, Rz=12,5 ... 50µm, turned DN25:

#### ANSI/class1500 (= ISO/PN260) - Connecting Flanges:

- ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 11/B1 ANSI 1/2" resp. ISO DN15 :   
 - wn-flange, RF SF, Rz=12,5 ... 50µm, turned ANSI 3/4" resp. ISO DN20 :   
 ANSI 1" resp. ISO DN25 :

### Other Connections

### Float extension lower / upper:

	C1:	C2:
Standard	200	165

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

### Standard Flange Connections:

	DIN/EN	ANSI/ISO
Connection pieces, d*s:		
DN15:	21.3*2.6	21.34*2.77
DN20:	-	26.67*2.87
DN25:	33.7*3.2	33.40*3.38
>= DN32 *2):	33.7*3.2	33.40*3.38
Dimension t / Dimension tt (w/o Flange):		
DN15:	150 / 105	150 / 83.1
DN20:	-	150 / 73.7
DN25:	150 / 92	150 / 70.4
>= DN32 *2):	tba *3)	

### 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"/>

### Accessories (refer to installation instructions 20010501)

Fixation bracket No. 26936:  Dim. "A" [mm]:   
 Magnetic switch: Quantity:  Type:   
 Transmitter: Resolution [mm]: 5 / 10 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 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) With special reduction flanges. \*3) Depending on size of connecting flanges.  
 All indicated dimensions in mm. All dimensions are only valid on VLI in standard execution.