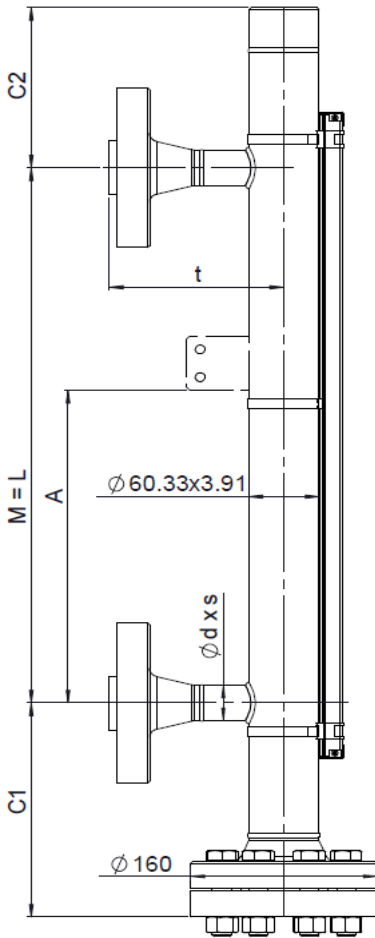


High Pressure Line 150

Type: 25683-K

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: $\geq 0.7 \text{ g/cm}^3$ g/cm^3
 Viscosity: $\leq 600 \text{ cSt}$ cSt
 Operating pressure: max. 150bar(g) @ 20°C *1) bar(g)
 Design pressure: " bar(g)
 Operating temperature: -80°C ... 400°C *1) $^{\circ}\text{C}$
 Design temperature: " $^{\circ}\text{C}$
 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	150

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.