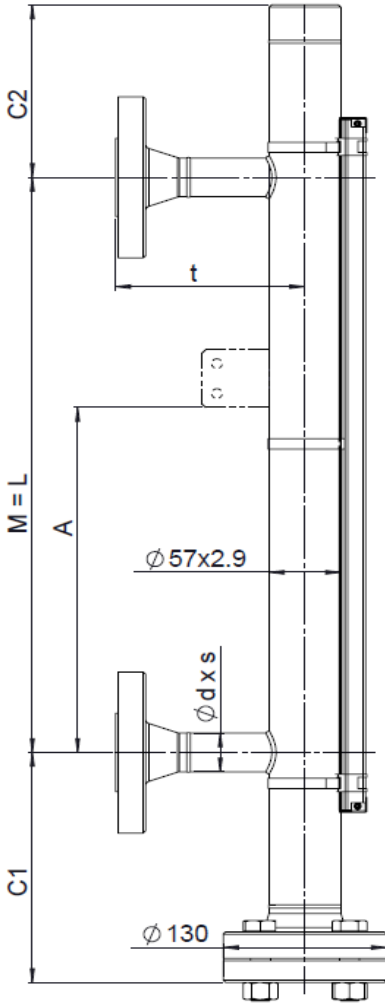


# High Pressure Line 80

Type: 36800-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:  $\geq 0.55\text{g/cm}^3$    $\text{g/cm}^3$   
 Viscosity:  $\leq 600\text{cSt}$    $\text{cSt}$   
 Operating pressure: max. 80bar(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):** DN15:   
 - EN1092-1/11 B1/DNxx/PN100/316L DN20:   
 - wn-flange, RF, Rz=12,5 ... 50µm, turned DN25:

**ANSI/class600 (= ISO/PN100) - Connecting Flanges:** ANSI 1/2" resp. ISO DN15 :   
 - ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 11/B1 ANSI 3/4" resp. ISO DN20 :   
 - wn-flange, RF SF, Rz=12,5 ... 50µm, turned 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*2.65	21.34*2.77
DN20:	26.9*2.6	26.67*2.87
DN25:	33.7*3.2	33.40*3.38
$\geq$ DN32 *2):	33.7*3.2	33.40*3.38
Dimension t / Dimension tt (w/o Flange):		
DN15:	150 / 105	150 / 91.3
DN20:	150 / 102	150 / 86
DN25:	150 / 93	150 / 81.6
$\geq$ 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.