



Float extension lower / upper:

Density in g/cm3:	C1:	C2:
SS ≥ 0.6 and < 0.7	350	85
SS ≥ 0.7 and < 0.8	250	85
SS ≥ 0.8 and < 1	180	85
SS ≥ 1	140	85
NBR ≥ 0.55	100	85

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

Standard flange connections:

	EN	ANSI/ISO
Connection pieces, d*s:		
DN15:	17.2*1.6	17.2*1.6
DN20:	17.2*1.6	17.2*1.6
DN25:	17.2*1.6	17.2*1.6
≥ DN32:	17.2*1.6	17.2*1.6
Dimension t:		
DN15:	100	100
DN20:	100	100
DN25:	100	100
≥ DN32:	tba on request ²⁾	

Purchase Order Data:

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

Operating Conditions

Fluid:
 Density: ≥ 0.60g/cm3 g/cm3:
 Viscosity: ≤ 150cSt cSt:
 Operating pressure: max. 50bar(g) @ 20°C ^{*)} bar(g):
 Design pressure: " bar(g):
 Operating temperature: -80°C ... +250°C ^{*)} °C:
 Design temperature: " °C:
 Connecting Distance "L": max. 5600mm (one-piece design) mm:

Design and Materials:

Float chamber: 316/316L
 Float: 316L (Standard) type no.: **34333 / 35615 / 33115/xx**
 NBR type no.: **38578/0.6 / 0.8 / 0.9**
 type no.: **41622/1.0**

other materials and densities see float selection diagram or on request

Damping spring top and bottom, 1.4310 No.: 30309
 Gaskets: Fibre compound Aramid/NBR (<150°C) Standard
 pure PTFE non reinforced (<250°C)
 Graphite incl. reinforcing net in ss 316/316L (<400°C)

Process connections:

EN-connecting flanges acc. EN1092-1 (Standard): DN15:
 - EN1092-1/01 B1/DNxx/PN40/316L DN20:
 - plate flanges, RF, Rz=12,5 ... 50µm, turning DN25:

ANSI/class150 (= ISO/PN20) - connecting flanges: ANSI 1/2" resp. ISO DN15:
 - ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1 ANSI 3/4" resp. ISO DN20:
 - plate flanges, RF SF, Rz=12,5 ... 50µm, turning ANSI 1" resp. ISO DN25:

ANSI/class300 (= ISO/PN50) - connecting flanges: ANSI 1/2" resp. ISO DN15:
 - ANSI/ASME B16.5 / ISO-DIS7005-1.2, type 01/B1 ANSI 3/4" resp. ISO DN20:
 - plate flanges, RF SF, Rz=12,5 ... 50µm, turning ANSI 1" resp. ISO DN25:

Other Connections

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
 Special Flaps: No.:

Accessories (installation instructions see spec. no. 20010501):

Fixation bracket no. 26936: dimension "A" [mm]:
 Magnetic switch: quantity: type:
 Transmitter: resolution [mm]: **05 / 10** type:
 measuring length M_{el}. [mm]:
 Converter: type:
 Further accessories:

Test reports and certificates:

EN10204:2004-3.1 certificate for used materials of the float chamber:

Special executions and notes:

Edition: 10/2015. Technical specifications are for information only and may change without notice.