



Reference Vessel PN 16 - 250

Measuring vessel with flange connection for transmitters, e. g. Radar, Displacer, Tuning fork, Float level gauge etc.
Drain optional
High quality weldings

Product group **715**

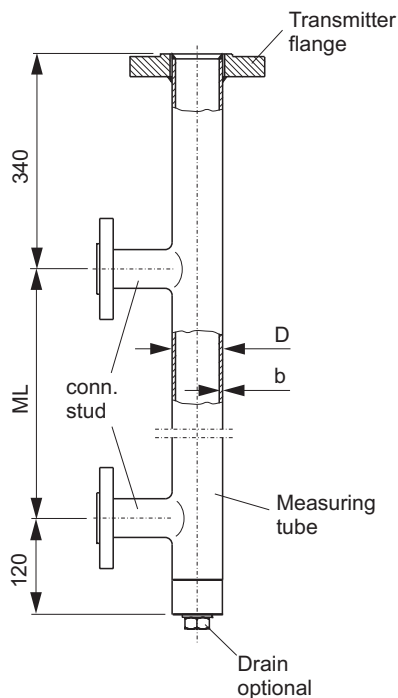
Type **BXXX**

Sheet: 1/1

Revision: 0

Date:

05/06



Field of Application

The reference vessel is suitable for top mounting of a level transmitter with flange connection. The measuring vessel is suitable for side mounting.

General Data

Process connection: flange DIN/ANSI, welding end, thread
Orientation: side-side or side-bottom
Connection transmitter see table: flange DIN/ANSI
Drain: plug, optional valve or flange stud
Weight: depends on execution

Design Data

Temperature medium: up to +400 °C
Operation pressure: up to 250 bar
Material: CS, SS
other materials on request

Selection table transmitter flange dimensions in mm

Typ	ND/P design Transmitter	Measuring tube 1.4571(316Ti) D x b	Conn. stud 1.4571(316Ti) D x b	Measuring tube 1.0305(A106) D x b	Conn. stud 1.0305(A106) D x b
.B041	32/52	42,4 x 2	25 x 2,5	42,4 x 2,3	26,7 x 3,6
.B001	50/52	57 x 2,9	25 x 2,5	60,3 x 2,9	26,7 x 3,6
.B051	65/52	76,1 x 2,9	25 x 2,5	76,1 x 2,9	26,7 x 3,6
.B003	3"/300#	88,9 x 3,6	25 x 2,5	88,9 x 3,6	26,7 x 3,6
.B004	4"/300#	114,3 x 3,6	26,7 x 3,6	114,3 x 3,6	26,7 x 3,6
.B201	65/100	76,1 x 4	26,7 x 3,6	76,1 x 4	26,7 x 3,6
.B203	3"/600#	88,9 x 4,5	26,7 x 3,6	88,9 x 4,5	26,7 x 3,6
.B301	65/160	76,1 x 5	33,7 x 4,5	76,1 x 5	33,7 x 4,5
.B303	3"/900#	88,9 x 6,3	33,7 x 4,5	88,9 x 6,3	33,7 x 4,5
.B401	80/250	80 x 8,5	33,7 x 9	-	-
.B403	3"/1500#	88,9 x 9,1	33,7 x 9	88,9 x 9,1	33,7 x 9

Special execution:

Larger wall thickness of the measuring tube and the connection stud (corrosion addition, higher safety factors), larger diameters of the connection stud, special designs, 3.2-Inspection Certificate (so far necessarily for DGRL due to higher wall thickness, diameters or materials), painting / pickling, glowing.

Certifications

Is subject to the PED 97/23/EC

Subject to alterations

Ordering no.

7 1 5 . B X X X - Material, drain, process connection see 710.VAR
X X X see selection table transmitter flange

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