

## Main dimensions

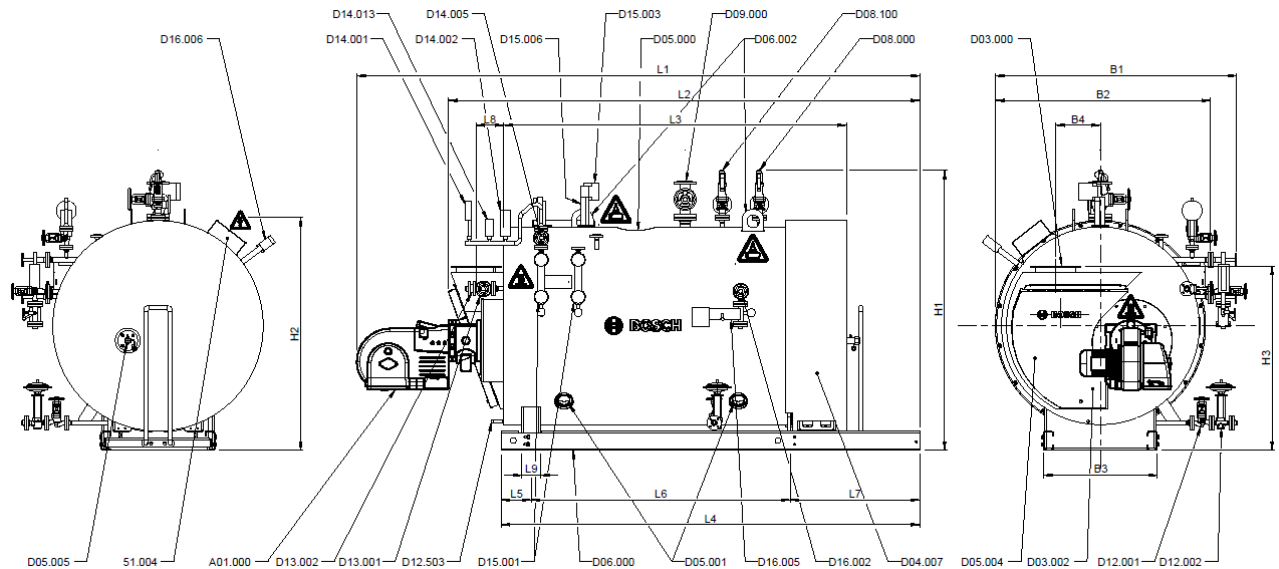


## UNIVERSAL Steam boiler CSB

in flame-tube smoke-tube technology

DA438

Version 2 (05/19)



51.004	Terminal box	D12.002	Quick shut-off blow down valve
A01.000	Burner	D12.503	Connection for drainage flue gas condensate
D03.000	Flue gas connection socket	D13.001	Feed water shut-off valve
D03.002	Flue gas chamber	D13.002	Feed water non-return valve
D04.007	Reversing chamber door	D14.001	Pressure indicator (with test unit)
D05.000	Inspection opening steam-side	D14.002	Pressure limiter
D05.001	Inspection opening water side	D14.005	Shut-off valve
D05.004	Inspection opening flue gas side	D14.013	Pressure transducer
D05.005	Sight hole	D15.001	Level indicator 1
D06.000	Base frame		Level indicator 2 <b>option</b>
D06.002	Lifting lug	D15.003	Level transducer
D08.000	Pressure safeguard valve 1	D15.006	Level limiter
D08.100	Pressure safeguard valve 2 <b>option</b>	D16.002	Desalting shut-off valve <b>option</b>
D09.000	Steam shut-off valve	D16.005	Desalting control valve <b>option</b>
D12.001	Drain shut-off valve	D16.006	Conductivity transducer

### Explanation of symbols



Warning: dangerous electrical voltage



Lifting equipment to be fastened here, only



Warning: hot surface, e. g. uninsulated fitting

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Boiler type	Dimension(s)						
	L 1 <sup>3)</sup>	L 2 <sup>1)</sup>	L 3	B 1	B 2 <sup>1)</sup>	H 1	H 2 <sup>1)</sup>
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
CSB 650	3374	2975	2040	1674	1457	1997	1654
CSB 1250	3928	3535	2510	1799	1582	2122	1774
CSB 2000	4374	3815	2790	2006	1732	2272	1953
CSB 3000	4652	4195	3080	2093	1876	2472	2105
CSB 4300	5312	4815	3610	2185	1968	2652	2208
CSB 5200	5642	5145	3940	2331	2114	2792	2340

Boiler type	Flue gas connection			Base frame					
	L 8	B 4	H 3	L 4	L 5	L 6	L 7	L 9	B 3
	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
CSB 650	194	299	1333	2640	210	1415	1015	100	740
CSB 1250	239	330	1420	3110	210	1865	1035	125	800
CSB 2000	205	363	1494	3390	210	2115	1065	150	920
CSB 3000	254	385	1589	3680	210	2365	1105	175	1000
CSB 4300	345	447	1661	4210	210	2865	1135	190	1030
CSB 5200	294	461	1753	4540	210	3165	1165	190	1100

- References and defaults to Requirements for the boiler installation room see technical information TI024.
  - Missing dimensions are not contained in scope of delivery.
  - The scope of delivery is defined in the order confirmation.
  - Where dimensions or weights are specified on the datasheet, the following tolerances apply: measurements  $\pm 1\%$ ; transportation weight  $\pm 4\%$ ; maximum weight  $\pm 2\%$  (also refer to Technical information TI024, chapter Pipe system)
  - The indicated transport weight already includes the surcharges for normal sheet metal thickness tolerances, hence difference downwards is possible.
  - Dimensioning insertion opening:
    - Positioning height: addition of at least 100 mm to dimension H1 resp. dimension H2 (mounted / not mounted fittings)
    - Positioning width: addition of at least 200 mm to dimension B1 resp. dimension B2 (mounted / not mounted fittings)
- 1) Smallest transport dimensions once fittings, burner and terminal box have been removed.  
 2) Maximum weight incl. 100 % filled with water  
 3) Dimension L1 is an standard gauge and depends on the make, type and rated capacity of burner.