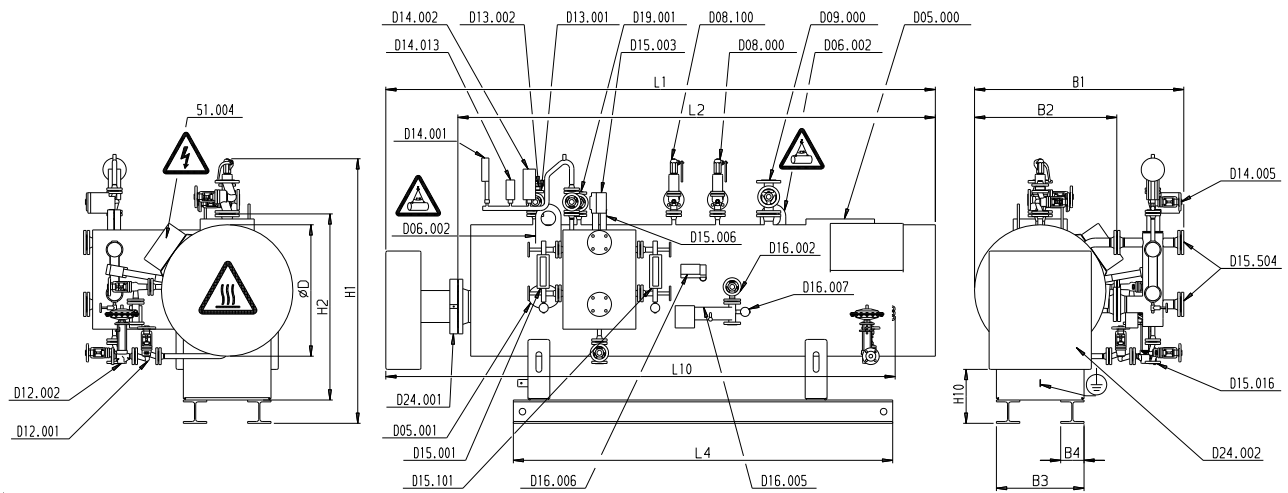




(this drawing represents an ELSB 2 – for other capacities, the length to diameter ratio may differ)

51.004	Terminal box	D14.013	Pressure transducer
D05.000	Inspection opening steam-side	D15.001	Level indicator 1
D05.001	Inspection opening water-side	D15.101	Level indicator 2 option
D06.002	Lifting eye	D15.003	Level transducer
D08.000	Pressure safeguard valve 1	D15.006	Level limiter
D08.100	Pressure safeguard valve 2 option	D15.016	Shut-off valve drain
D09.000	Steam shut-off valve	D15.504	Cleaning opening on the module
D12.001	Drain shut-off valve	D16.002	Desalting shut-off valve
D12.002	Quick shut-off blow down valve	D16.005	Desalting control valve
D13.001	Feed water shut-off valve	D16.006	Conductivity transducer
D13.002	Feed water non-return valve	D16.007	Shut-off valve (sampling)
D14.001	Pressure indicator (with test unit)	D19.001	Ventilation shut-off valve option
D14.002	Pressure limiter	D24.001	Heating bundle
D14.005	Shut-off valve	D24.002	Terminal box for the heating bundle

Explanation of symbols



Warning: dangerous electrical voltage



Lifting equipment to be fastened here only



Warning: hot surface, e.g. uninsulated fitting



Connection option for equipotential bonding



Electric steam boiler ELSB

DA444

Version 4 (03/22)

Boiler type	Max. capacity		Dimension(s)						
	[kg/h]	[kW]	L 1 [mm]	L 2 ¹⁾ [mm]	B 1 ²⁾ [mm]	B 2 ¹⁾ [mm]	B 3 [mm]	H 1 [mm]	H 2 ¹⁾ [mm]
ELSB 1	350	238	3880	3330	1490	980	600	1806	1343
ELSB 2	700	476	3810	3350	1490	980	600	1806	1343
ELSB 3	1.500	1021	4300	3500	1790	1280	790	2196	1664
ELSB 4	3.000	2041	4460	3660	2190	1680	1050	2671	2061
ELSB 5	5.000	3402	4830	3980	2390	1880	1200	2826	2163
ELSB 6	7.500	5105	5140	4290	2690	2180	1450	3256	2466

Boiler type	Heating bundle L 10 ³⁾	Base frame L 4	H10	Outer diameter D	Boiler body (incl. equipment)	Weight Heating bundle	Total weight (full)
	[mm]	[mm]	[mm]	[mm]	[kg]	[kg]	
ELSB 1	3050	2600	368	900	1570	150	2620
ELSB 2	3460	2600	368	900	1900	320	2940
ELSB 3	3800	2600	375	1200	3150	920	5370
ELSB 4	3800	2600	560	1600	4010	940	8550
ELSB 5	3850	2700	520	1800	7450	1935	13730
ELSB 6	3850	2900	500	2100	9740	2850	19460

- References and defaults to requirements for the boiler installation room, see in technical information TI024.
 - If dimensions are missing, the parts are not included in the scope of delivery.
 - The scope of delivery is fixed in the order confirmation.
 - Dimensional data with $\pm 5\%$ tolerance; operating / maximum weight data with $\pm 10\%$ tolerance.
 - The shipping weight specification already includes surcharges for usual plate thickness tolerances, therefore deviations downwards are possible.
 - Shown with insulation: 100 mm
 - Dimensioning of the insertion opening:
 - Insertion height: surcharge of at least 100 mm on dimension H1 or dimension H2 (mounted / unmounted fittings)
 - Insertion width: add at least 200 mm to dimension B1 or dimension B2 (mounted / unmounted fittings)
- 1) Smallest transport dimensions when fittings, heating bundle and terminal box are dismantled.
- 2) For the boiler types ELSB 3 / 4 / 5 / 6 a spindle extension to the steam shut-off valve is optionally available.
- 3) The length of the heating bundle must be taken into account when setting up the boiler. There must be enough space to be able to pull off the heating bundle. (Guideline: Length of heating bundle + maneuvering safety).