

## Main dimensions

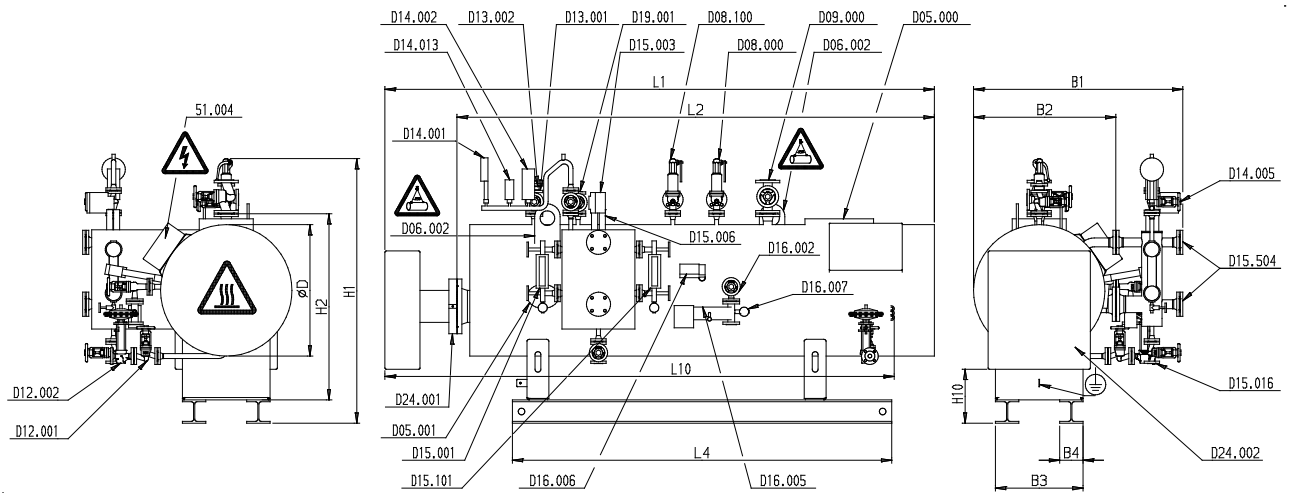
## Electric steam boiler ELSB



# BOSCH

DA444

Version 5 (07/22)



(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



Warning: lifting equipment to be fastened here only



Warning: hot surface, e.g. uninsulated fitting



Connection option for equipotential bonding

Subject to change



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Boiler type	Max. capacity		Dimension(s)						
	[kg/h]	[kW]	L 1	L 2 <sup>1)</sup>	B 1 <sup>2)</sup>	B 2 <sup>1)</sup>	B 3	H 1	H 2 <sup>1)</sup>
			[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
ELSB 1	350	238	3892	3340	1490	980	600	1804	1341
ELSB 2	700	476	3902	3350	1490	980	600	1804	1341
ELSB 3	1.500	1021	4412	3610	1790	1280	790	2184	1652
ELSB 4	3.000	2041	4512	3710	2190	1680	1000	2676	2042
ELSB 5	5.000	3402	4832	3980	2390	1880	1200	2826	2163
ELSB 6	7.500	5105	5142	4290	2690	2180	1500	3261	2453

Boiler type	Heating bundle	Base frame	H10	Outer diameter	Boiler body (incl. equipment)	Weight		Total weight (full)
	L 10 <sup>3)</sup>	L 4		D		Heating bundle		
	[mm]	[mm]		[mm]		[kg]		
ELSB 1	3050	2600	488	900	1700	140	2740	
ELSB 2	3550	2600	368	900	1930	350	2960	
ELSB 3	3800	2600	363	1200	3530	845	5750	
ELSB 4	3800	2600	560	1600	4800	1100	9270	
ELSB 5	3850	2700	520	1800	7230	1720	13410	
ELSB 6	3850	2900	500	2100	9550	2700	19130	

- 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.
  - 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 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).