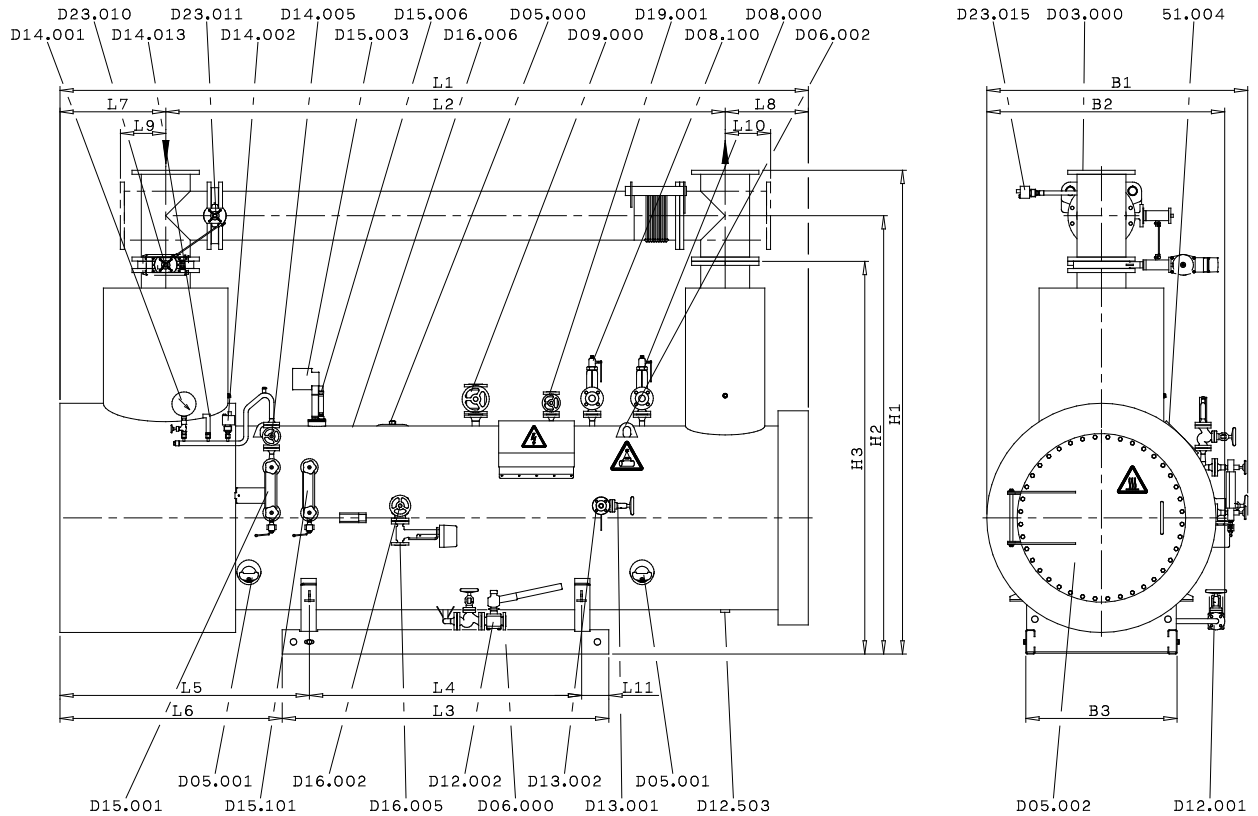




**UNIVERSAL Heat recovery steam boiler HRSB**

**DA403**

Version 1 (01/14)



- |         |   |         |  |
|---------|---|---------|--|
| 51.004  | Terminal box                                | D14.001 | Pressure indicator (with test unit)    |
| D03.000 | Flue gas connection socket                  | D14.002 | Pressure limiter                       |
| D05.000 | Inspection opening steam-side               | D14.005 | Shut-off valve                         |
| D05.001 | Inspection opening water side               | D14.013 | Pressure transducer                    |
| D05.002 | Inspection opening flue gas side            | D15.001 | Level indicator                        |
| D06.000 | Base frame                                  | D15.101 | Level indicator <b>option</b>          |
| D06.002 | Lifting lug                                 | D15.003 | Level transducer                       |
| D08.000 | Pressure safeguard valve                    | D15.006 | Level limiter                          |
| D08.100 | Pressure safeguard valve <b>option</b>      | D16.002 | Desalting shut-off valve <sup>4)</sup> |
| D09.000 | Steam shut-off valve                        | D16.005 | Desalting control valve                |
| D12.001 | Drain shut-off valve                        | D16.006 | Conductivity transducer                |
| D12.002 | Quick shut-off blow down valve              | D19.001 | Vent shut-off valve                    |
| D12.503 | Connection for drainage flue gas condensate | D23.010 | Flue gas control valve (Open/Closed)   |
| D13.001 | Feed water shut-off valve                   | D23.011 | Flue gas control valve (Open/Closed)   |
| D13.002 | Feed water non-return valve                 | D23.015 | Pressure monitor                       |

Explanation of symbols



Warning: dangerous electrical voltage



Lifting equipment to be fastened here, only



Warning: hot surface, e. g. uninsulated fitting



## UNIVERSAL Heat recovery steam boiler HRSB

DA403

Version 1 (01/14)

UNIVERSAL Heat recovery steam boiler HRSB	Dimension(s)				Flue gas connection				
	L 1 <sup>1)</sup>	B 1	B 2 <sup>1)</sup>	H 3 <sup>1)</sup>	L 2	L 7	L 8	L 9	L 10
Type	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
HRSB 40	4750	1523	1371	2432	3600	650	500	183	183
HRSB 40	4950	1523	1371	2398	3700	700	550	300	300
HRSB 50	4950	1725	1574	2598	3700	700	550	300	300
HRSB 50	5050	1725	1574	2548	3750	725	575	350	350
HRSB 60	5050	1725	1574	2548	3750	725	575	350	350
HRSB 60	5150	1725	1574	2548	3800	750	600	375	375
HRSB 70	5150	1909	1758	2748	3800	750	600	375	375
HRSB 70	5350	1909	1758	2648	3900	800	650	500	500
HRSB 80	5350	1909	1758	2648	3900	800	650	500	500
HRSB 80	5550	1909	1758	2598	4000	850	700	625	625
HRSB 90	5550	2109	1958	2798	4000	850	700	625	625
HRSB 90	5750	2109	1958	2848	4100	900	750	625	625
HRSB 100	5750	2109	1958	2848	4100	900	750	625	625
HRSB 110	6750	2109	1958	2848	5100	900	750	625	625

UNIVERSAL Heat recovery steam boiler HRSB	Flue gas connection			Base frame					
	H 1	H 2	D03.000	L 3	L 4 <sup>2)</sup>	L 5	L 6	L 11	B 3
Type	[mm]	[mm]	DN	[mm]	[mm]	[mm]	[mm]	[mm]	[mm]
HRSB 40	2800	2617	200	2160	1800	1550	1370	180	800
HRSB 40	3000	2700	300	2160	1800	1650	1470	180	800
HRSB 50	3200	2900	300	2160	1800	1650	1470	180	1000
HRSB 50	3250	2900	350	2160	1800	1700	1520	180	1000
HRSB 60	3250	2900	350	2160	1800	1700	1520	180	1000
HRSB 60	3300	2925	400	2160	1800	1750	1570	180	1000
HRSB 70	3500	3125	400	2160	1800	1750	1570	180	1200
HRSB 70	3650	3150	500	2160	1800	1850	1670	180	1200
HRSB 80	3650	3150	500	2160	1800	1850	1670	180	1200
HRSB 80	3850	3225	600	2160	1800	1950	1770	180	1200
HRSB 90	4050	3425	600	2160	1800	1950	1770	180	1400
HRSB 90	4100	3475	700	2160	1800	2050	1870	180	1400
HRSB 100	4100	3475	700	2160	1800	2050	1870	180	1400
HRSB 110	4100	3475	700	3160	2800	2050	1870	180	1400

- References and defaults to Requirements for the boiler installation room see technical information T1024.
- Equipment and complete dimensions in accordance with project-related, technical data sheet.
- The scope of delivery is defined in the order confirmation.
- Dimensions with  $\pm 1\%$  tolerance
- Dimensioning insertion opening:
  - Positioning height: addition of at least 100 mm to dimension H1 resp. dimension H2 (Bypass/valves mounted/separate or not in scope of delivery)
  - Positioning width: addition of at least 200 mm to dimension B1 resp. dimension B2 (mounted / not mounted fittings)

<sup>1)</sup> Minimum transport dimensions with valves/bypass removed.

<sup>2)</sup> The boiler operating weight must be absorbed by the foundation in the area of the front and rear supports.