



Type	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
Nett. Capacity (MCal)	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000
Brut. Capacity (MCal) Heating capacity	2174	3261	4348	5435	6522	7609	8696	9783	10869	11956	13043	14130
Nett. Capacity (MW)	2.33	3.49	4.65	5.81	6.98	8.14	9.30	10.47	11.63	12.79	13.95	15.12
Gas consumption (nm <sup>3</sup> /h) *	261.0	381.0	522.0	641.0	775.0	894.0	1021.0	1150.0	1280.0	1407.0	1537.0	1672.0
Watercontent (m <sup>3</sup> )	6.3	10.6	13.5	13.9	16.0	19.3	20.2	25.8	28.1	29.0	33.1	32.6
Pressure lost of fluegas (mbar) app.	9,0-10,0	10-11,5	10-11,5	10-11,5	11-12,5	11-12,5	12,0-13,5	12,5-14,0	12,5-14,0	12,0-14,0	13,0-14,5	14,0-15,5

Type	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
Length L (mm) excl. burner	5395	5905	6405	6905	6905	7405	7405	7405	7885	7885	8385	8385
Total width B (mm) incl. switchbox	2100	2500	2650	2850	2950	3200	3300	3400	3400	3500	3575	3575
Height H1 (mm) excl. Valves	2415	2815	2965	3165	3265	3515	3615	3715	3715	3815	3890	3890
Boilerlength L1 (mm) incl. isolation	3950	4460	4960	5460	5460	5960	5960	5960	6440	6440	6940	6940
Boilersupport B1 (mm)	1310	1400	1700	1840	1900	2100	2150	2250	2250	2300	2350	2350
Distance between boiler chairs B2 (mm)	2400	2700	3000	3300	3300	3600	3600	3600	3900	3900	4160	4160
Height burnerconnection A (mm)	1250	1450	1525	1625	1675	1800	1850	1900	1900	1950	1987.5	1987.5
Diameter of boiler D (mm) incl. isolation	1850	2250	2400	2600	2700	2950	3050	3150	3150	3250	3325	3325
Fluegas outlet diameter R (mm)	400	450	500	560	600	630	710	710	800	800	800	900
Furnacediameter D1(mm)	1000/900	1200/1100	1250/1150	1400/1300	1500/1400	1600/1500	1600/1500	1650/1550	1700/1600	1800/1700	1800/1700	1800/1700

Type	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
Flow m <sup>3</sup> /h	100	150	200	250	300	350	400	450	500	550	600	650
Supply/Return delta T=20°C	150	200	200	250	250	250	250	300	300	300	350	350
Drain DN (Flanged PN 6)	40	40	50	50	50	50	50	50	50	50	50	50
Shunt DN (Flanged PN 6)	80	80	100	100	100	100	125	125	125	150	150	150
Safety valves DN (PN 16)	2xDN65	2xDN65	2xDN80	2xDN80	2xDN100	2xDN100	2xDN125	2xDN125	2xDN125	3xDN100	4xDN100	4xDN100

Type	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0	11.0	12.0	13.0
Heating surface (m <sup>2</sup> )	68	115	135	175	210	240	270	310	335	370	395	415
Fluegas content (m <sup>3</sup> )	3.8	6.9	8.8	11.0	12.0	15.3	16.2	19.8	21.0	23.0	25.6	26
Transport mass (tons) excl. Refractory / Ins	5.4	6.7	8.5	10.0	11.0	14.1	16.0	16.5	18.2	18.7	21.2	21.7

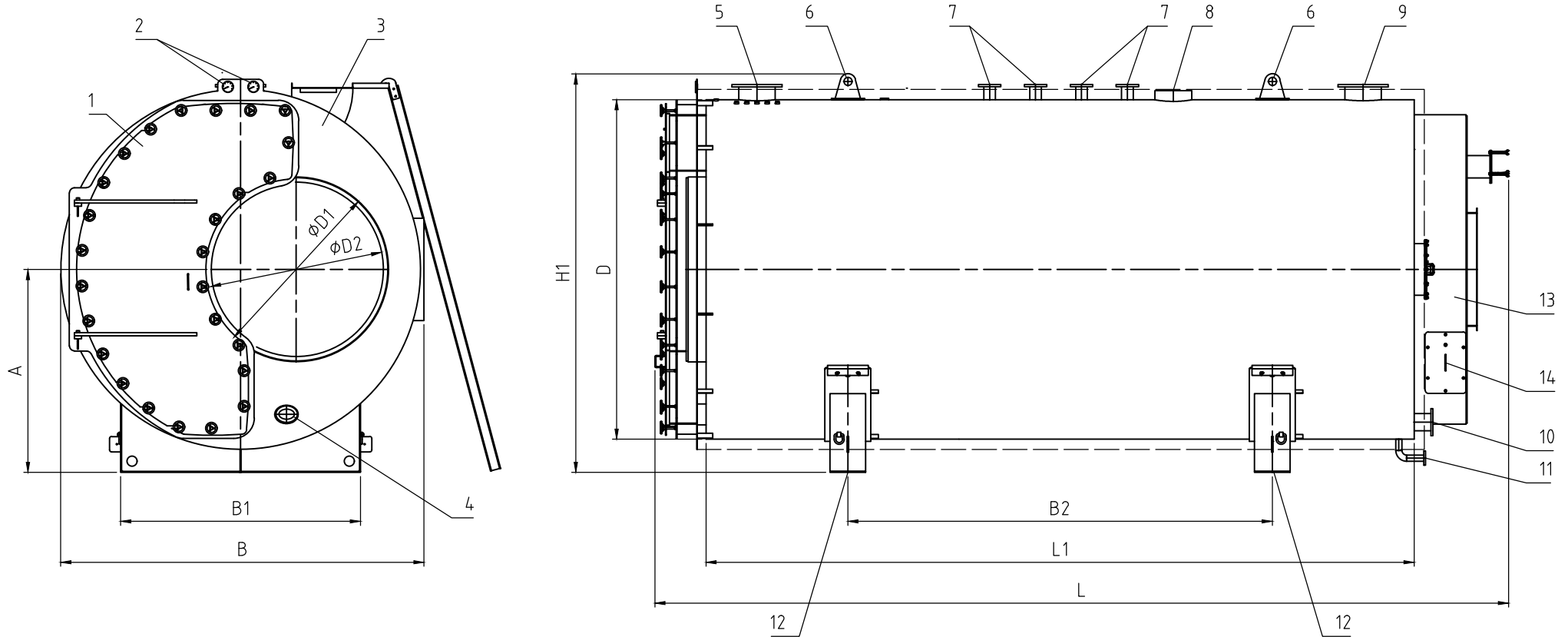
\* Dutch gas Hi=31,669 MJ/m<sup>3</sup>

\*\* Oil HBO I Hi=42,696 MJ/kg

**TK-Topboiler BV**

# HOTWATER BOILER TYPE LNE COMPACT

According Chinese basic requirements TSG G0001-2012



- |                                    |                                  |                        |
|------------------------------------|----------------------------------|------------------------|
| 1. Boilerdoor                      | 6. Lifting lug                   | 11. Drain              |
| 2. Temperature indicator/Manometer | 7. Safety valves (amount varies) | 12. Boiler chairs      |
| 3. Frontplate                      | 8. Manhole                       | 13. Smoke box          |
| 4. Handhole                        | 9. Return                        | 14. Inspection opening |
| 5. Supply                          | 10. Shunt                        |                        |

Changes reserved

Revision: 0  
Version: 20-05-2020

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