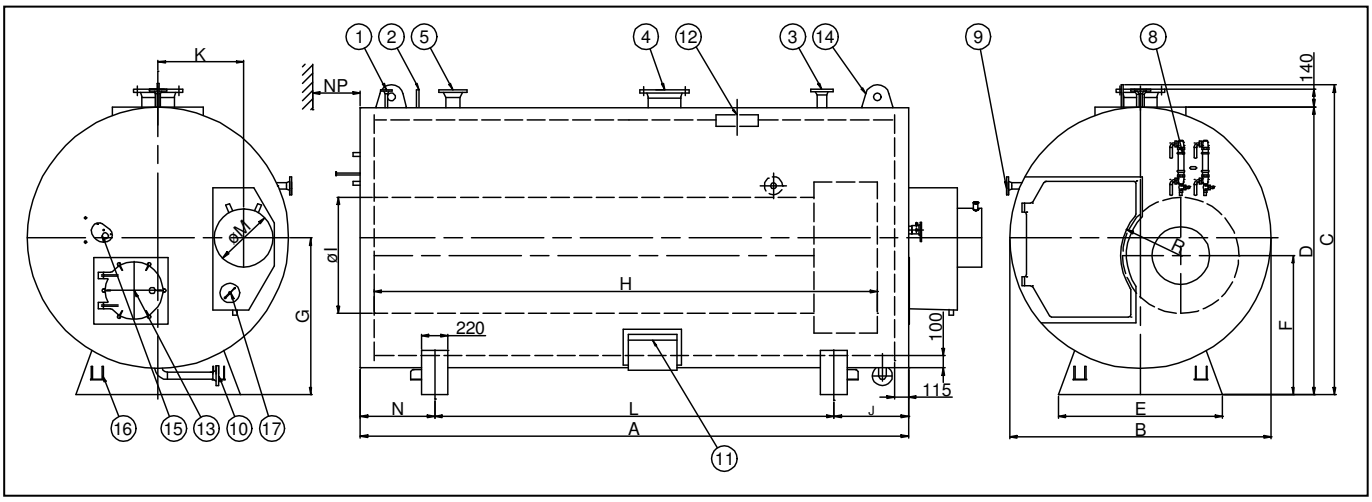
Member of the Danstoker Group

TDL

Low Pressure Steam Boiler



Design pressure 1 bar	Type	1	2	3	4	5	6	7	8	9
Capacity max.	kW	465	581	733	930	1163	1455	1860	2326	2907
Steam generation max.	t/h	0,70	0,88	1,10	1,40	1,70	2,20	2,60	3,50	4,00
A	mm	2780	2930	2930	3130	3680	4080	4030	4530	4680
B	mm	1760	1760	1960	1960	1960	1960	2160	2160	2410
C	mm	2110	1730	2285	2285	2285	2285	2560	2560	2840
D	mm	1920	1920	2095	2095	2095	2095	2370	2370	2650
E	mm	1110	1110	1295	1295	1295	1295	1360	1360	1475
F	mm	925	925	941	941	941	941	1150	1150	1275
G	mm	1045	1045	1110	1110	1110	1110	1295	1295	1443
H	mm	2430	2580	2583	2783	3330	3730	3675	4175	4325
IØ	mm	750	750	800	800	800	800	960	960	1050
J	mm	615	615	615	615	615	615	615	615	615
K	mm	591	591	615	615	615	615	710	710	774
L	mm	1550	1700	1700	1900	2450	2850	2800	3300	3450
MØ	mm	290	290	350	400	400	400	475	475	550
N	mm	615	615	615	615	615	615	615	615	615
NP	mm	2200	2350	2350	2550	3100	3500	3450	3950	4100
R	mm	384	384	427	427	427	427	492	492	566
Water content for L.W.	m^3	2,52	2,54	3,02	3,47	3,96	4,32	5,36	5,91	7,87
Steam chest	m^3	0,81	0,86	1,30	1,43	1,67	1,81	1,90	2,18	2,77
Flue gas volume*	m^3	1,35	1,50	1,95	1,90	2,40	2,80	3,80	4,40	5,22
Flue gas temp. *	ºC	230	225	225	230	225	230	230	220	220
Flue gas resistance *	mbar	5,5	5,5	4,5	7,0	5,5	5,5	4,5	7,5	8,0
Weight	ton	2,21	2,65	3,06	3,30	3,77	4,15	5,13	5,7	7,8

1	Manometer	DN	20	20	20	20	20	20	20	20	20
2	Air valve	RG	½"	½"	½"	½"	½"	½"	½"	½"	½"
4	Steam valve	DN	100	100	125	150	200	200	250	250	250
5	Water level control	DN	100	100	100	100	100	100	100	100	100
7	Safety valves	DN	2x32	2x32	2x40	2x40	2x50	2x50	2x65	2x65	2x65
8	Water gauge mountings	RG	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
9	Feed valve	DN	25	50	50	50	50	50	50	50	50
10	Blow down valve	DN	25	50	50	50	50	50	50	50	50

11	Head hole 220 x 320 mm	15	Inspection hole
12	Man hole 320 x 420 mm	16	Handling brackets
13	Access door (inspection)	17	Cleaning opening

* at natural gas, $O_{2\ dry}$: 2,1%, 8,3 bar,

The manufacturer reserves the right to make alterations. 06-09-10

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