



Design data

Boiler model - TT200
Boiler type - STEAM / WET BACK
Design EN 12953

Description	Unit	Value
Steam capacity (nominal load)	tn / h	5,0
Steam outlet temperature	°C	+203
Feed water temperature	°C	+104
Design pressure	bar	16,6
Max. working pressure	bar	16,0
Hydro test pressure	bar	27,0
Trip pressure safety valve	bar	16,0
Boiler weight	kg	15750
Volume of water	m ³	11,2

Connection table

Designation	Application	Amount	Diameter (DN), mm	Pressure (PN), bar	Flanges
a	Flue gas exhaust	1	500	0,1	ISO 7005-12011
b	Feed water inlet	1	40	16	ISO 7005-12011
c	Steam outlet	1	125	16	ISO 7005-12011
d	Safety valve	2	40	16	ISO 7005-12011
e	Desalting control valve	1	20	16	ISO 7005-12011
f	Water drain	1	40	16	ISO 7005-12011
g	Sight hole	1	335x435	-	-
h	Sight hole	2	230x330	-	-
i	Gas analyzer	1	G1/2-B	-	-
k	Condensate drain	2	G1-B	-	-
o	Water level indicator	4	20	16	ISO 7005-12011
l	Level limiter min	2	G3/4-B	-	-
w	Level limiter max	1	G3/4-B	-	-
p	Level transducer	1	G3/4-B	-	-
m	Conductivity transducer	1	G1-B	-	-
q	Flue gas temperature sensor	1	G1/2-B	-	-
r	Pressure gauge	1	G1/2-B	-	-
s	Pressure limiter	1	G1/2-B	-	-
z	Pressure transducer	1	G1/2-B	-	-
t	Quick shut-off blow down valve	1	40	16	ISO 7005-12011
v	Drain air valve	1	40	16	ISO 7005-12011
x	Air vent	1	20	16	ISO 7005-12011

NOTES:

All dimensions are in mm.
The design of the boiler complies with the General safety requirements PED 2014/68/EU Annex I and the standards of the series EN 12953.

Rev.	Stage	Plan Number	Date	Primary CAD	Date	Project	№	Drawing number	Drawing	Bar CODE	Weight (kg)	Scale	1:20	Page
1	Final			LT (AutoCAD)		Steam boiler TT200	15750		Boiler		15750	1:20	1/1	

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