

kW 873 - 3186

SERIES TBL - BT

CONFORM TO: E.M.C. DIRECTIVE 2014/30/UE | L.V. DIRECTIVE 2014/35/UE | MACHINERY DIRECTIVE 2006/42/CE.



TBL 260 P



BT 250 DSPG

Light oil burner. Operation:

Continuous modulation operation by installing P.I.D. controller in the control panel (to be ordered separately with modulation probe).

Modulation ratio:

Low NOx and CO emissions light oil burner according to European standard EN267:

Adjusting the combustion head.

Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.

High ventilation efficiency, low electrical input, low noise.

Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.

Combustion air intake with butterfly valve. Air flow adjustment:

Fully closing air damper on shutdown to avoid loss of heat through the chimney.

Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve.

Fuel supply circuit made of gear pump with pressure adjustment and control flow valve.

Atomisation unit with magnet to control the outlet/nozzle return pins.

Flame detection by photoresistance.

Control panel with display diagram for working mode with indication lights.

Electric protection rating:

TBL 260 P

two-stage

TBL 260 P DACA

two-stage

BT 250 DSPG

mechanical
two-stage
progressive

1:3

class 2

class 2

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hydraulic
jack

electric
servomotor

mechanical
cam

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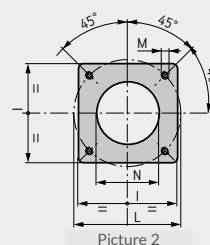
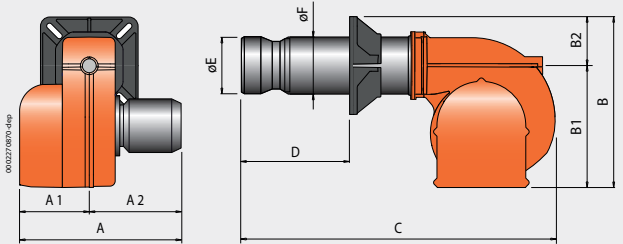
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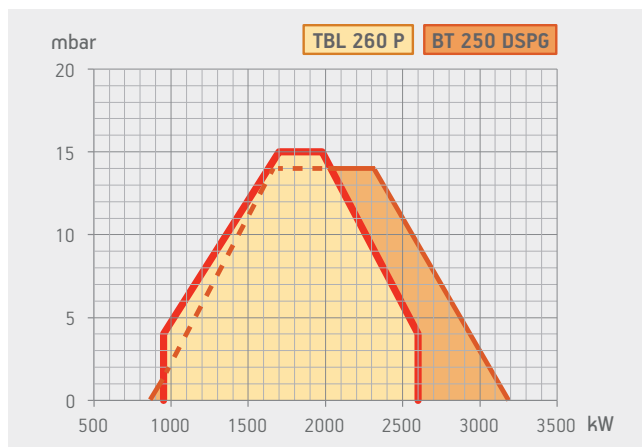
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Flange dimensions
and boiler drilling
template.

Model	A mm	A1 mm	A2 mm	B mm	B1 mm	B2 mm	C mm	D mm	E mm	F mm	I mm	L mm	M mm	N mm	Pic.
TBL 260 P	760	340	420	560	400	160	1300	210 ÷ 450	250	219	320	280 ÷ 370	M12	255	2
TBL 260 P DACA	760	340	420	560	400	160	1300	210 ÷ 450	250	219	320	280 ÷ 370	M12	255	2
BT 250 DSPG	1000	520	480	740	580	160	1700	235 ÷ 560	260	220	320	280 ÷ 370	M12	230	2



Model	Size of packaging			Weight kg
	L	P	H	
	mm			
TBL 260 P	1070	870	720	105
TBL 260 P DACA	1070	870	720	105
BT 250 DSPG	1030	1150	1010	256

	Emissions class	Thermal output kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes
Frequency 50 Hz								
	class 2	950 ÷ 2600	TBL 260 P	36040020	1,5	3N AC 50Hz 400V	5,5	15)
	class 2	950 ÷ 2600	TBL 260 P DACA	36040010	1,5	3N AC 50Hz 400V	5,5	4) 15)
		873 ÷ 3186	BT 250 DSPG	3526010	1,5	3N AC 50Hz 400V	7,5	4)
Frequency 60 Hz								
	class 2	950 ÷ 2600	TBL 260 P	36045420	1,5	3N AC 60Hz 380V	7,5	15)
	class 2	950 ÷ 2600	TBL 260 P DACA	36045410	1,5	3N AC 60Hz 380V	7,5	4) 15)
		873 ÷ 3186	BT 250 DSPG	35265410	1,5	3N AC 60Hz 380V	9,0+1,3	4)

TO COMPLETE THE BURNER

DESCRIPTION

BT 250 DSPG: nozzle with 1 ÷ 3 ratio (see page 295)

MODULATING MODE

DESCRIPTION

PART NO.

BT 250 DSPG: modulation kit

98000055

BT 250 DSPG: modulating probe (see page 294)

OPTIONALS

DESCRIPTION

Biodiesel operation (5)

ACCESSORIES AVAILABLE ON REQUEST

DESCRIPTION

PART NO.

TBL 260 P/260 P DACA: soundproof burner cover (see page 299)

97980053

BT 250 DSPG: soundproof burner cover (see page 299)

97980057

LIGHT OIL BURNER ACCESSORIES

TBL 260 P/260 P DACA: line filter, flex hoses, nozzles, boiler coupling kit, plug for wiring.

BT 250 DSPG: line filter, flex hoses, boiler coupling kit.

NOTES

4 Equipped with air closure device.

5 Biodiesel according to european norm EN14213-FAME.

15 Reference standard: EN267.

Net calorific value of light oil: Hi = 42,70 MJ/kg = 10200 kcal/kg.