



BT 350 DSG



BT 350 DSG HINGED

Light oil burner. Operation:

Adjusting the combustion head.

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

Fixed boiler coupling flange.

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

Easy maintenance thanks to the two-sides hinge which allows the removal of the combustion head without having to remove the burner from the boiler.

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.

Atomisation unit with nozzle-closing pin.

Flame detection by photoresistance.

Electric protection rating:

BT 350 DSG

BT 350 DSG Hinged

two-stage

two-stage

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electric servomotor

electric servomotor

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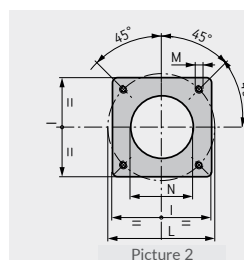
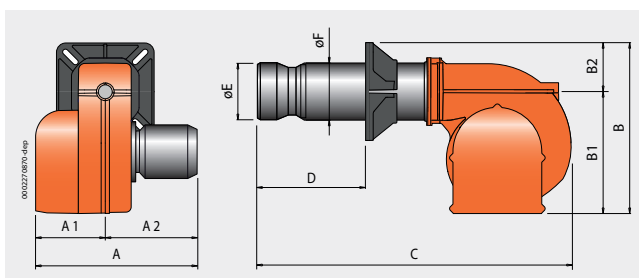
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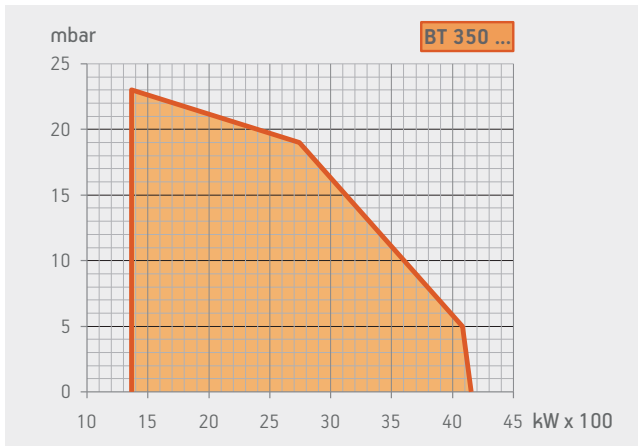
IP40

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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.
BT 350 DSG 4T	1050	525	525	880	660	220	1960	350 ÷ 560	360	275	440	400 ÷ 540	M20	365	2
BT 350 DSG Hinged	1050	525	525	880	660	220	1440	420	360	280	430	509	M18	370	2



Model	Size of packaging			Weight kg
	L	P	H	
BT 350 DSG	2030	1150	1010	310
BT 350 DSG Hinged	1670	1530	1300	310

	Thermal output kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes
Frequency 50 Hz							
1364 ÷ 4151		BT 350 DSG	3140010	1,5	3N AC 50Hz 400V	9,0	4)
1364 ÷ 4151		BT 350 DSG Hinged	3140011	1,5	3N AC 50Hz 400V	9,0	4)
Frequency 60 Hz							
1364 ÷ 4151		BT 350 DSG	31405410	1,5	3N AC 60Hz 380V	11,0+1,3	4)
1364 ÷ 4151		BT 350 DSG Hinged	31405411	1,5	3N AC 60Hz 380V	11,0+1,3	4)

LIGHT OIL

ACCESSORIES AVAILABLE ON REQUEST

DESCRIPTION	PART NO.
Soundproof burner cover (see page 299)	97980057

LIGHT OIL BURNER ACCESSORIES

Line filter, flex hoses, nozzles, boiler coupling kit.

NOTES

4 Equipped with air closure device.
Net calorific value of light oil: Hi = 42,70 MJ/kg = 10200 kcal/kg.