



GI 1000 DSPG

Light oil burner. Operation:

mechanical two-stage progressive

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

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Modulation ratio:

1:4

Adjusting the combustion head.

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

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Fixed boiler coupling flange.

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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.

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Combustion air intake with butterfly valve. Air flow adjustment:

mechanical cam

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

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Electric motor for pump drive.

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

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

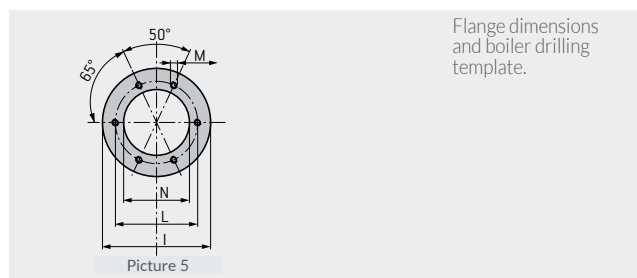
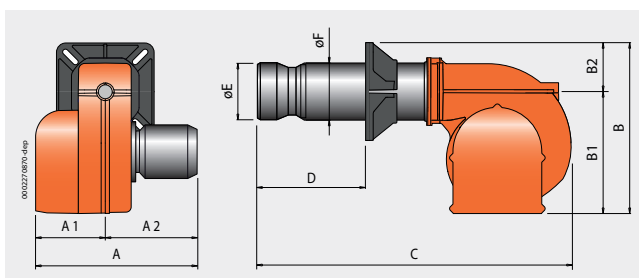
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Flame detection by photoresistance.

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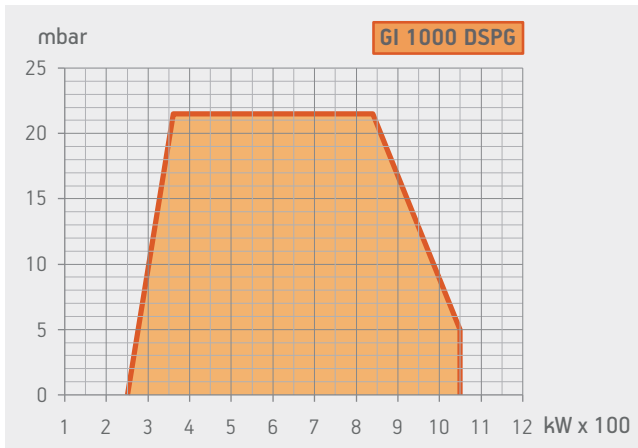
Electric protection rating:

IP40



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.
GI 1000 DSPG	1465	800	665	1260	855	405	1960	430	480	490	800	765	M16	495	5



Model	Size of packaging			Weight kg
	L	P	H	
GI 1000 DSPG	2610	1760	1470	900

Thermal output kW	Model	Part no.	Max visc. °E at 20°C	Electrical supply	Motor kW	Notes	
2500 ÷ 10500	Frequency 50 Hz						
	GI 1000 DSPG	6521010	1,5	3N AC 50Hz 400V	22,0+4,0	4)	
2500 ÷ 10500	Frequency 60 Hz						
	GI 1000 DSPG	65215410	1,5	3N AC 60Hz 380V	30,0+3,5	4)	

TO COMPLETE THE BURNER

DESCRIPTION

Nozzle with 1 ÷ 5 ratio (see page 295)

MODULATING MODE

DESCRIPTION	PART NO.
Modulation kit	98000055
Modulating probe (see page 294)	

NOTES

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

LIGHT OIL BURNER ACCESSORIES

Line filter, flex hoses, boiler coupling kit.