

Burners

CODE 2503010

BT 100 DSNM-D 50HZ



Dense fuel oil burner. Two-stage operation.

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

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

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

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

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

Electric fuel preheater with antigas valve, self-cleaning filter, thermometer, adjustment and minimum thermostats.

Heating element for pump, valve and atomisation unit.

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

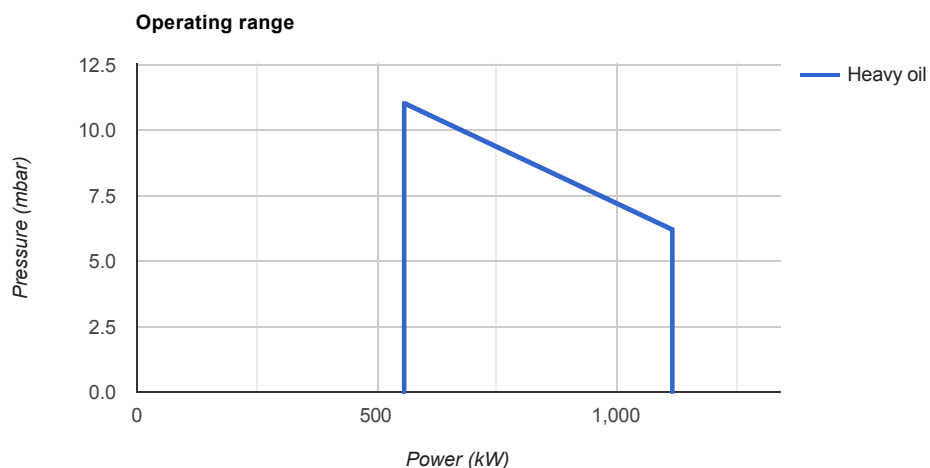
Flame detection by photoresistance.

Terminal board for the electric and thermostatic connections to the burner.

Terminal board for second stage operation

Electric protection rating:

Operating range



Technical data

Tipo articolo

Dense fuel oil burner. Two-stage operation.

Regolazione aria e testa

Regulating combustion air and blast-pipe.

Regolazione aria

Combustion air intake with throttle damper. Air flow adjustment with electric servomotor.

Chiusura aria	Fully closing air damper on shutdown to avoid loss of heat through the chimney.
Fuel	Olio Combustibile
Operation	Bistadio
Minimum Thermal Power (kW) to ErP	558
Maximum Thermal Power (kW) to ErP	1116
Manutenzione facilitata	Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler.
Min flow rate (kg/h)	50
Max flow rate (kg/h)	100
Max Viscosity (°E)	50
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.
Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and control flow valve
Preriscaldatore	Electric fuel preheater with antigas valve, self-cleaning filter, thermometer, adjustment and minimum thermostats.
Preriscaldatore	Heating element for pump, valve and atomisation unit.
Gruppo polverizzatore	Atomisation unit with magnet to control the outlet/nozzle return pins.
Controllo fiamma	Flame detection by photoresistance.
Morsettiera	Terminal board for the electric and thermostatic connections to the burner.
Morsettiera	Terminal board for second stage operation
Protezione elettrica	Electric protection rating:
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	1.5
Weight without packaging (kg)	170
Weight with packaging (kg)	210
Width (mm)	1730
Depth (mm)	1030
Height (mm)	880