

## Burners

CODE 35630010

**BTL 20 50HZ**



Diesel burner. Single-stage operation.

Regulating combustion air and blast-pipe.

Combustion air intake with throttle damper. Manual adjusting of the air flow rate.

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.

Device made of sound-absorbing material to reduce fan noise.

Sound-proof plastic protective cover.

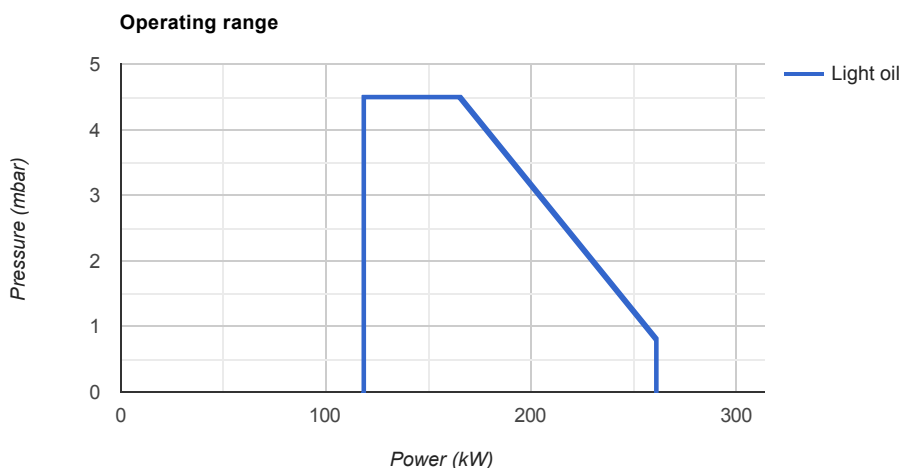
Fuel supply circuit made of gear pump with pressure adjustment and shut-off valves

Flame detection by photoresistance.

7-pole socket for burner electric and thermostatic supply.

Electric protection rating:

## Operating range



## Technical data

|                          |                                                                                    |
|--------------------------|------------------------------------------------------------------------------------|
| Tipo articolo            | Diesel burner. Single-stage operation.                                             |
| Regolazione aria e testa | Regulating combustion air and blast-pipe.                                          |
| Regolazione aria         | Combustion air intake with throttle damper. Manual adjusting of the air flow rate. |
| Chiusura aria            | Fully closing air damper on shutdown to avoid loss of heat through the chimney.    |

|                                   |                                                                                                                                 |
|-----------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Fuel                              | Gasolio                                                                                                                         |
| Operation                         | Monostadio                                                                                                                      |
| Minimum Thermal Power (kW) to ErP | 118.6                                                                                                                           |
| Maximum Thermal Power (kW) to ErP | 261                                                                                                                             |
| Min flow rate (Sm³/H)             | 10                                                                                                                              |
| Max flow rate (Sm³/H)             | 22                                                                                                                              |
| Manutenzione facilitata           | Maintenance facilitated by the possibility of removing the combustion head without having to remove the burner from the boiler. |
| Max Viscosity (°E)                | 1.5                                                                                                                             |
| Flangia                           | Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers.                                         |
| Antirumore                        | Device made of sound-absorbing material to reduce fan noise.                                                                    |
| Coperchio                         | Sound-proof plastic protective cover.                                                                                           |
| Circuito combustibile             | Fuel supply circuit made of gear pump with pressure adjustment and shut-off valves                                              |
| Controllo fiamma                  | Flame detection by photoresistance.                                                                                             |
|                                   | 7-pole socket for burner electric and thermostatic supply.                                                                      |
| Protezione elettrica              | Electric protection rating:                                                                                                     |
| Electric power supply type        | AC                                                                                                                              |
| No. of Phases                     | 1N                                                                                                                              |
| Power Supply Voltage (V)          | 230                                                                                                                             |
| Power Supply Frequency (Hz)       | 50                                                                                                                              |
| Fan Motor Power (kW)              | 0.18                                                                                                                            |
| Weight without packaging (kg)     | 17                                                                                                                              |
| Weight with packaging (kg)        | 18                                                                                                                              |
| Width (mm)                        | 780                                                                                                                             |
| Depth (mm)                        | 370                                                                                                                             |
| Height (mm)                       | 410                                                                                                                             |