



BTG 20 LX 50-60Hz

Code: 15100010

Series: BTG LX

Technical and functional features

- Low NOx and CO gas-fired burners, EN676 "Classe III".
- Two-stage progressive output operation.
- Ability to operate with output modulation by means of automatic RWF40 regulator mounted on the control panel (to be ordered separately with the modulation kit).
- Compatible with any type of combustion chamber.
- Air-gas mixing at blast-pipe.
- Burnt gas recycling blast-pipe able to achieve very low pollutant emissions, particularly with regard to nitrous oxides (NOx).
- Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
- Maintenance facilitated by the fact that the mixing unit can be removed without having to remove the burner from the boiler.
- Minimum and maximum air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
- Ability to add a valves seal control device to the train.
- Comes with 4 and 7-poles connectors, 1 flange and 1 insulating seal to connect the burner to the application.

Design features

- Light aluminium alloy fan part.
- High performance centrifugal fan.
- Combustion air intake with automatic closure air flow regulation butterfly gate.
- Sliding boiler coupling flange to adapt the head protrusion to the various types of boilers.
- Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.
- Flame viewer.
- Monophase electric motor to run fan.
- Air pressure switch to ensure the presence of combustion air.
- Monoblock modulating gas train complete with operation and safety valve, minimum pressure switch, pressure regulator and gas filter.
- Sequence controller - EN 298..
- Flame scanning by ionisation electrode.
- 7 pole outlet for burner electrical and thermostat supply, and 4 pole outlet for second stage control or for the connection of the electronic output regulator.
- Prepared for microamperometer connection with ionisation cable.
- Electrical plant protection rating IP40.
- Sound-proof plastic protective cover.

Technical Data - BTG 20 LX 50-60Hz:

Minimum Rated output	60	kW
Maximum Rated output	205	kW
Minimum gas flow rate	6	m ³ /h
Maximum gas flow rate	20.6	m ³ /h
Motor rated power	0.18	kW
Electric Power Supply Phase	1	N

Electric Power Supply Frequency 1	50	Hz
Electric Power Supply Frequency 2	60	Hz
Electric Power Supply Current	AC	
Electric Power Supply Voltage	230	V
Width	303	mm
Depth	695	mm
Weight	17	kg
Pack Width	710	mm
Pack Height	410	mm
Package depth	370	mm
Weight of Packaging	18	kg