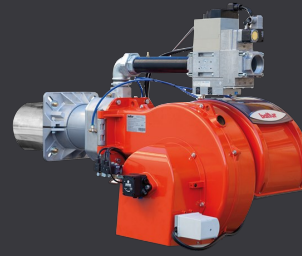


Burners

CODE 56680010

TBML 360 ME 50HZ



Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Gas side modulating operation, diesel side two-stage

Modulation ratio 1:5

Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2.

Burner with Low NOx and CO emissions on light oil according to European standard EN267: class 2.

Regulating combustion air

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

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

CE version gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum pressure switch, pressure regulator and gas filter

Fail proof connectors for burner/gas train connection

Gas train exit: high

Pump connected to fan motor through electromagnetic clutch

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

Manual fuel switching

Flame detection by means of infrared IRD photocell

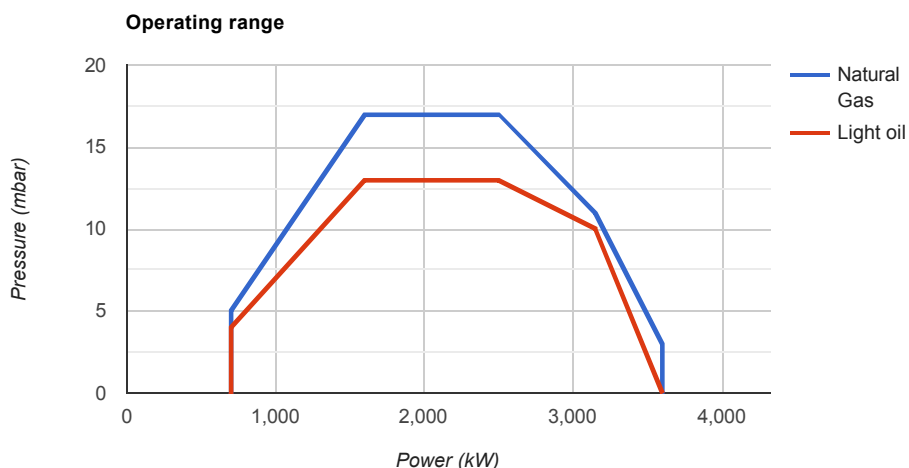
Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment

Electrical system with protection rating IP40

Control board with warning lights

Device made of sound-absorbing material to reduce fan noise

Operating range



Technical data

Tipo articolo	Burner with alternate methane gas/diesel fuel supply, EC approved according to European Directives EN676 and EN267. Gas side modulating operation, diesel side two-stage
Rapporto Modulazione	Modulation ratio 1:5
Emissioni Lato Gas	Gas side burner with low NOx and CO emissions in accordance with European standard EN676: class 2.
Emissioni Lato Gasolio	Burner with Low NOx and CO emissions on light oil according to European standard EN267: class 2.
Regolazione aria e testa	Regulating combustion air
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	Metano
Operation	Modulante Elettronico
Minimum Thermal Power (kW) to ErP	700
Maximum Thermal Power (kW) to ErP	3600
Min flow rate (Sm ³ /H)	74
Max flow rate (Sm ³ /H)	381
Second Fuel	Gasolio
Second Fuel Operation	Modulante Elettronico
Second Fuel Min Thermal Power (kW)	1000
Second Fuel Max Thermal Power (kW)	3600
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)	84
Max flow rate (kg/h)	304
Max Viscosity (°E)	1.5
Flangia	Sliding boiler coupling flange to adapt the blast-pipe to the various types of boilers
Cemiera	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
Gas Train	CE version gas train is complete with butterfly valve, operation and safety valve with electromagnetic drive, valve tightness control, minimum pressure switch, pressure regulator and gas filter
Connettore rampa gas	Fail proof connectors for burner/gas train connection
Uscita della rampa gas	Gas train exit: high
Coperchio	Device made of sound-absorbing material to reduce fan noise
Pompa	Pump connected to fan motor through electromagnetic clutch

Circuito combustibile	Fuel supply circuit made of gear pump with pressure adjustment, shut-off valves and safety valve
Commutazione combustibile	Manual fuel switching
Controllo fiamma	Flame detection by means of infrared IRD photocell
Quadro comandi	Control panel equipped either with display showing the working process and with the keyboard for the burner adjustment
Quadro comandi	Control board with warning lights
Protezione elettrica	Electrical system with protection rating IP40
Electric power supply type	AC
No. of Phases	3N
Power Supply Voltage (V)	400
Power Supply Frequency (Hz)	50
Fan Motor Power (kW)	7,5
Weight with packaging (kg)	127
Width (mm)	1070
Depth (mm)	980
Height (mm)	810