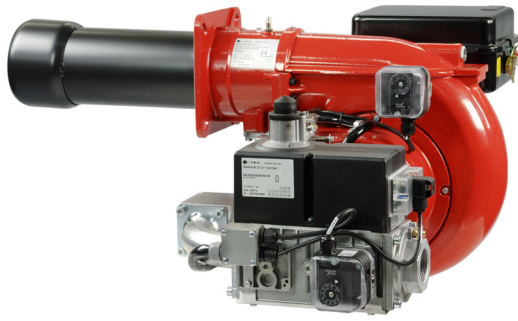


Low NOx Class 3 EN676 _ NOx<80mg/kWh



GAS XP 60/M CE-LX



Burners for gas two stages progressive (hi-low flame) or modulating (PID fully modulating) with the addition of the optional system modulation kit plus feeder. Fan at high pressurisation, combustion head with adjustment at high efficiency and high flame stability.

Disposition rationalized of the components with accessibility facilitated for the operations of setting and maintenance.

Gas train complete of working valve with flow adjustment, safety valve, gas pressure switch, filter stabiliser of gas pressure, completely assembled, electrically linked and tested.





TECHNICAL DATA

MODEL		GAS XP 60/M CE-LX
Thermal power 1°st./min 2°st.-max 2°st. *	Mcal/h	130/200-474
Thermal power 1°st./min 2°st.-max 2°st. *	kW	151/232-550
Flow-rate G20 (NATURAL GAS) min. 1° st./min 2° st.-max 2° st.*	Nm³/h	15.4/23.7-56
Fuel		NATURAL GAS (second family)
Combustible category		2R 2H 2L 2E 2E+ 2Er 2ELL 2E(R)B
Nox**	mg/kWh	<80 : class 3 (EN 676)
Intermittent working operation (min. 1 stop every 24 hours) 2 stages progressives & modulating		
Environmental conditions operation / storage		-15...+40°C/-20...+70°C, relative umidity max 80%
Max temperature combustion air	°C	60
Min. pressure gas train D1" FS32 NATURAL GAS***	mbar	75
Min. pressure gas train D1" 1/2 FS40 NATURAL GAS***	mbar	34
Min. pressure gas train D1" 1/2 FS50 NATURAL GAS***	mbar	29.5
Max pressure on the valve's inlet	mbar	360
Nominal electric power	W	935
Fan motor	W	740
Power absorbed	A	2
Auxiliary power absorbed	A	0.5
Power supply		3 ~400V, 1/N ~230V-50Hz
Electric protection degree		IP40
Sound level max****	dB(A)	73-76
Burner weight*****	kg	36

* Reference conditions: Environment temperature 20°C - Barometric pressure 1013 mbars - Altitude 0 metre (sea level)

** In order to obtain low Nox emission as declared, burner must be matched to the proper boiler for this application: boiler with 3 turns for the exhaust gas, condensing boilers and any generator with direct exhaust outlet and the thermal load that is not higher than 1,8 MW/m³

*** Minimum pressure of gas feeding to the gas train in order to obtain the maximum power of the burner considering the back pressure in combustion chamber to a value of 0 (zero)

**** Measured sonorous pressure in the laboratory combustion, with functional burner on beta boiler to 1 metre of distance (UNI EN ISO 3746 law)

***** For burner with long head add 1 kg weight

FIRING RATES

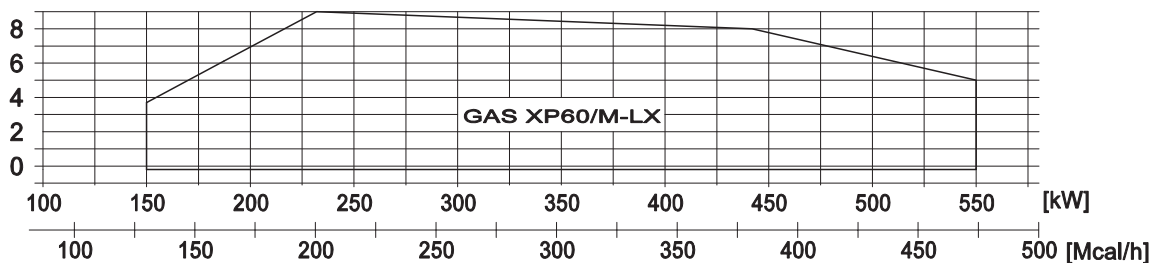
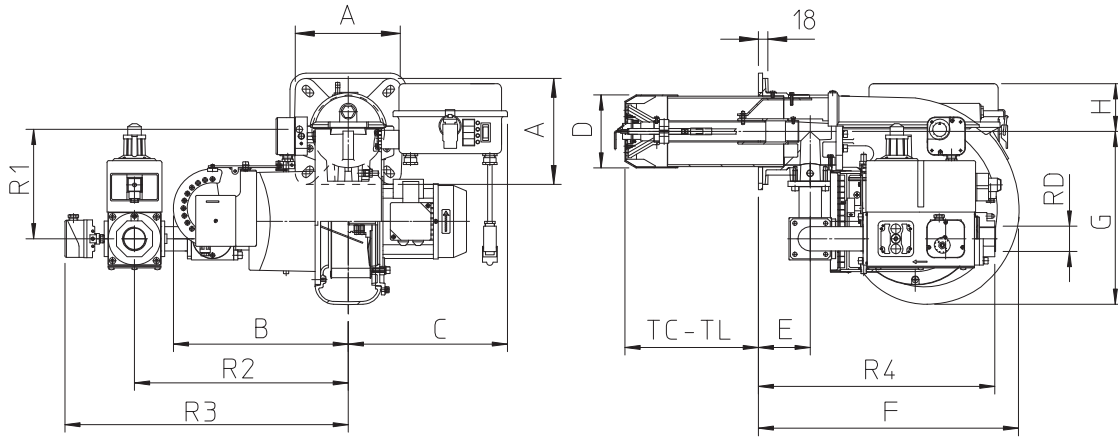


Fig. 1 X = Thermal power [kg/h - Mcal/h] Y = Pression in the combustion

The firing rates has been obtained based on test boilers in accordance with EN267 standards and are indicative of matching the burner to the boiler. For the correct operation of the burner bruciatore, combustion chamber dimensions must be in accordance with current regulation. In case of non-compliance, contact the manufacturer.

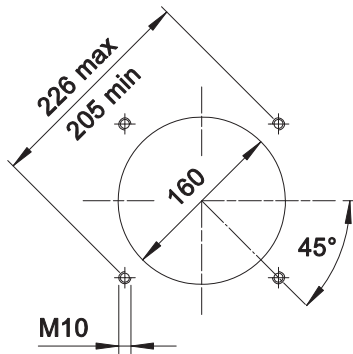
DIMENSIONS [MM]



MODEL	A	B	C	D	E	F	G	H	TC	TL
GAS XP 60/M CE-LX - D1"-FS32	200	331	301	148	98	493	327	90	250	335
GAS XP 60/M CE-LX - D1"1/2-F540	200	331	301	148	98	493	327	90	250	335
GAS XP 60/M CE-LX - D1"1/2-F550	200	331	301	148	98	493	327	90	250	335

MODEL	R1	R2	R3	R4	RD	Gas train weight
GAS XP 60/M CE-LX - D1"-FS32	203	411	508	390	Rp 1	10 kg
GAS XP 60/M CE-LX - D1"1/2-F540	203	411	550	468	Rp 1 1/2	15 kg
GAS XP 60/M CE-LX - D1"1/2-F550	203	411	550	468	Rp 1 1/2	15 kg

BOILER PLATE



The dimensions of the boiler plate must be as indicated in the drawing.

The illustrations and data here shown are indicative. F.B.R. Bruciatori S.r.l. reserves the right to bring, without any obligation of warning, any changes that would be appropriate to the continuing development of their products.