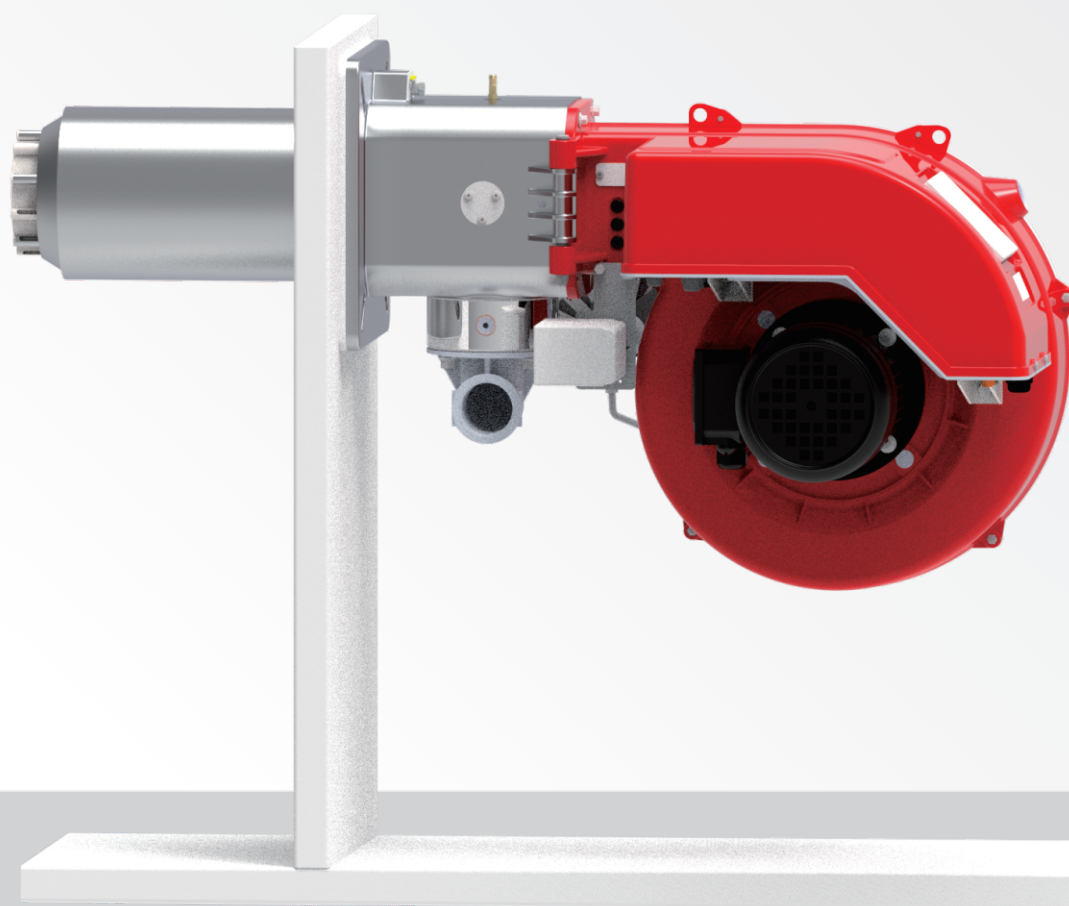




产品型号规格定义

Product Model Specification Definition



BTN210/250GC/E BLU 低氮燃气燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 低氮燃气燃烧器。

2. 二段渐进式/比例式/电子式运行。

3. 空气和燃气在燃烧头内混合。

4. 通过调节燃烧空气和燃烧头，可以获得最佳的燃烧参数。

5. 铰链式连接，可左右自然打开，维修保养方便。

6. 用伺服电动机来进行第一、二段最小和最大空气流量调节；燃烧器暂停时，风门关闭以减少炉内热量损失。

7. GC带有凸轮的伺服电机可以同时调节空气和燃料的供应。GE采用两个伺服电机。

8. 采用一个法兰和耐高温隔热垫与锅炉联接固定。

9. 带流量调节装置的燃烧空气进口。

10. 三相电机带动风机。

11. 电离电极检测火焰，紫外线光电管检测火焰。

12. 标准配置的电气防护等级IP40。
1. Low NOx Emission Gas Burner.

2. Two Stage Progressive/Modulation/Electronic Modulation Operation

3. Air and gas are mixed in the combustion head.

4. By adjusting the combustion air and combustion head, the best combustion parameters can be obtained.

5. Hinged connection, can be opened naturally, easy maintenance.

6. Use servo motor to adjust the minimum and maximum air flow in the first and second stages; When the burner is suspended, the damper is closed to reduce heat loss in the furnace.

7. Servo motor with cam could adjust air and fuel supply simultaneously in the GC burner. GE burners adopt 2 servo motors.

8. A flange and high temperature insulation pad are used to connect the boiler.

9. Combustion air intake with throttle damper.

10. 3phase Motor Drives Fan Motor.

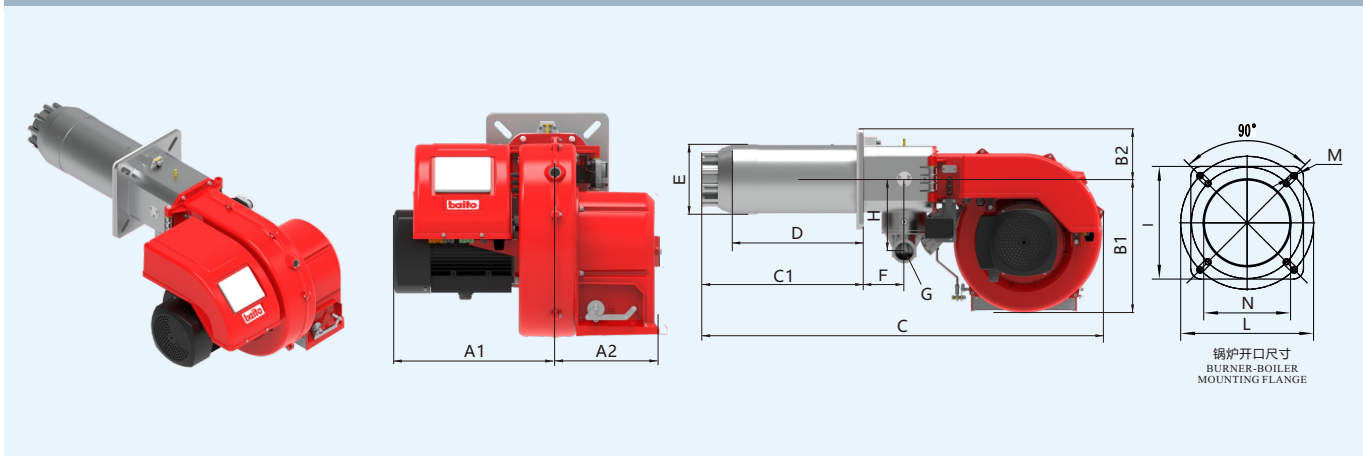
11. Flame detection by ionisation electrode, ultraviolet photocell detects flame.

12. Standard configuration of electrical protection class IP40.

功率 Power (kW)	型号 Model	订货编号 Article No.	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (L*W*H/mm)	重量 weight (kg)
300~1860	BTN210GC BLU	203 22 210	380V 50Hz	4.5	1010x905x635	89
	BTN210GE BLU	202 22 144				
	BTN250GC BLU	203 22 250				
570~2400	BTN250GE BLU	203 22 256	380V 50Hz	5.5	1010x905x635	125
	BTN210GC BLU-TL	203 22 412				
	BTN210GE BLU-TL	202 22 139				
300~1860	BTN250GC BLU-TL	203 22 413	380V 50Hz	5.5	1010x905x635	125
	BTN250GE BLU-TL	203 22 253				

外观尺寸图

Overall dimensions



型号 model	A1	A2	B1	B2	C	C1	D	E	F	G	H	I	L	M	N
	mm	mm	mm	mm	mm	mm	mm	Φmm	mm	mm	mm	mm	Φmm	M	Φmm
BTN210GC BLU	403	298	427.5	160	1155	361	262	222	151	G2"	231	320	290-370	4-M16	232
BTN210GE BLU	403	298	427.5	160	1155	361	262	222	151	G2"	231	320	290-370	4-M16	232
BTN210GC BLU-TL	403	298	427.5	160	1290	496	397	222	151	G2"	231	320	290-370	4-M16	232
BTN210GE BLU-TL	403	298	427.5	160	1290	496	400	222	151	G2"	231	320	290-370	4-M16	232
BTN250GC BLU	403	298	427.5	160	1155	361	262	222	151	G2"	231	320	290-370	4-M16	232
BTN250GE BLU	403	298	427.5	160	1155	361	262	222	151	G2"	231	320	290-370	4-M16	232
BTN250GC BLU-TL	403	298	427.5	160	1290	496	397	222	151	G2"	231	320	290-370	4-M16	232
BTN250GE BLU-TL	403	298	427.5	160	1290	496	397	222	151	G2"	231	320	290-370	4-M16	232

BTN210/250GC/E BLU Low NO_x Gas Burner



备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Longer blast tube and 60HZ motor is customized.

使用LPG燃气时，需在燃烧头上安装该特殊组件

When using LPG gas, this special component is installed on the burner

阀组-与锅炉配套的组件

Valve block - Component for boiler

比例调节功能

Proportional control function

另外订购比例仪RWF40或DC1020与调节组件，燃烧器即可实现比例调节运行。

In addition, order the proportioner RWF40 or DC1020 and the regulating assembly, and the burner can be proportionally regulated.

备注

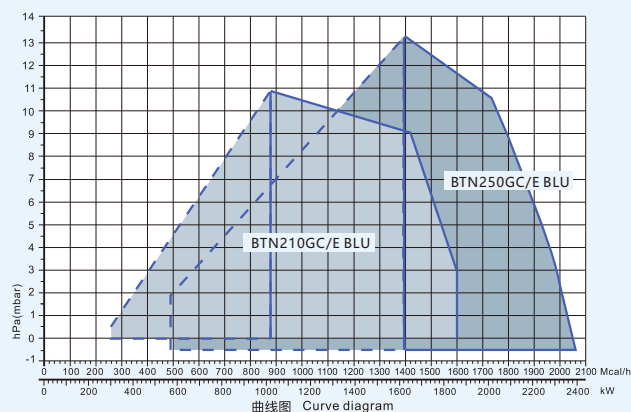
remark

配有空气关闭装置。

Equipped with air closing device.

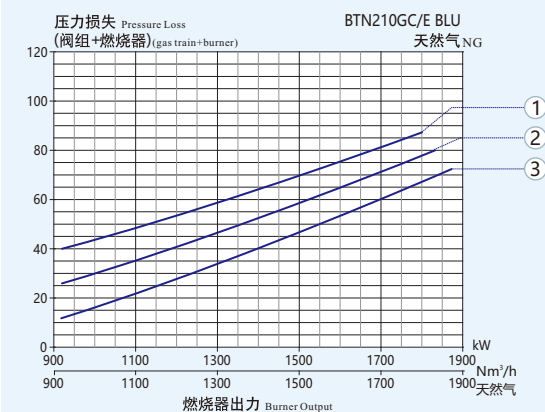
曲线图

curve graph



锅炉燃烧器功率(kW)

Burner Output (kW)



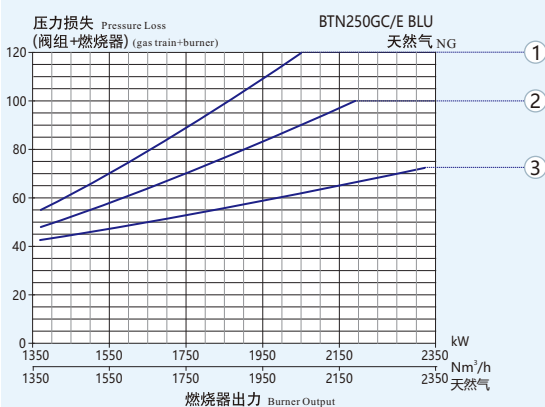
BTN210GC/E BLU

天然气 natural gas

曲线 (型号) Curve (model)	阀组编号 Valve group number	检漏 Leakage control	最大压力** Maximum pressure value (mbar)	图号 figure number
② QF-MVD215/5+MVDLE215/5-RC2"	222 25 451	-	200	QF2
③ QF-MVD220/5+MVDLE220/5-RC2"	222 25 452	-	200	QF2
② QF-MB-DLE415 B01 S20-RC2"	222 25 662	-	360	QF3
③ QF-MB-DLE420 B01 S20-RC2"	222 25 663	-	360	QF3
② QF-MB-DLE415 B01 S20-VPS-RC2"	222 25 682	-	360	QF3
① QF-MB-DLE412 B01 S20-RC1 1/2"	222 25 658	-	360	QF3

锅炉燃烧器功率(kW)

Burner Output (kW)



BTN250GC/E BLU

天然气 natural gas

曲线 (型号) Curve (model)	阀组编号 Valve group number	检漏 Leakage control	最大压力** Maximum pressure value (mbar)	图号 figure number
② QF-MVD215/5+MVDLE215/5-RC2"	222 25 451	-	200	QF2
③ QF-MVD220/5+MVDLE220/5-RC2"	222 25 452	-	200	QF2
② QF-MB-DLE415 B01 S20-RC2"	222 25 662	-	360	QF3
③ QF-MB-DLE420 B01 S20-RC2"	222 25 663	-	360	QF3
② QF-MB-DLE415 B01 S20-VPS-RC2"	222 25 682	-	360	QF3
① QF-MB-DLE412 B01 S20-RC1 1/2"	222 25 658	-	360	QF3



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