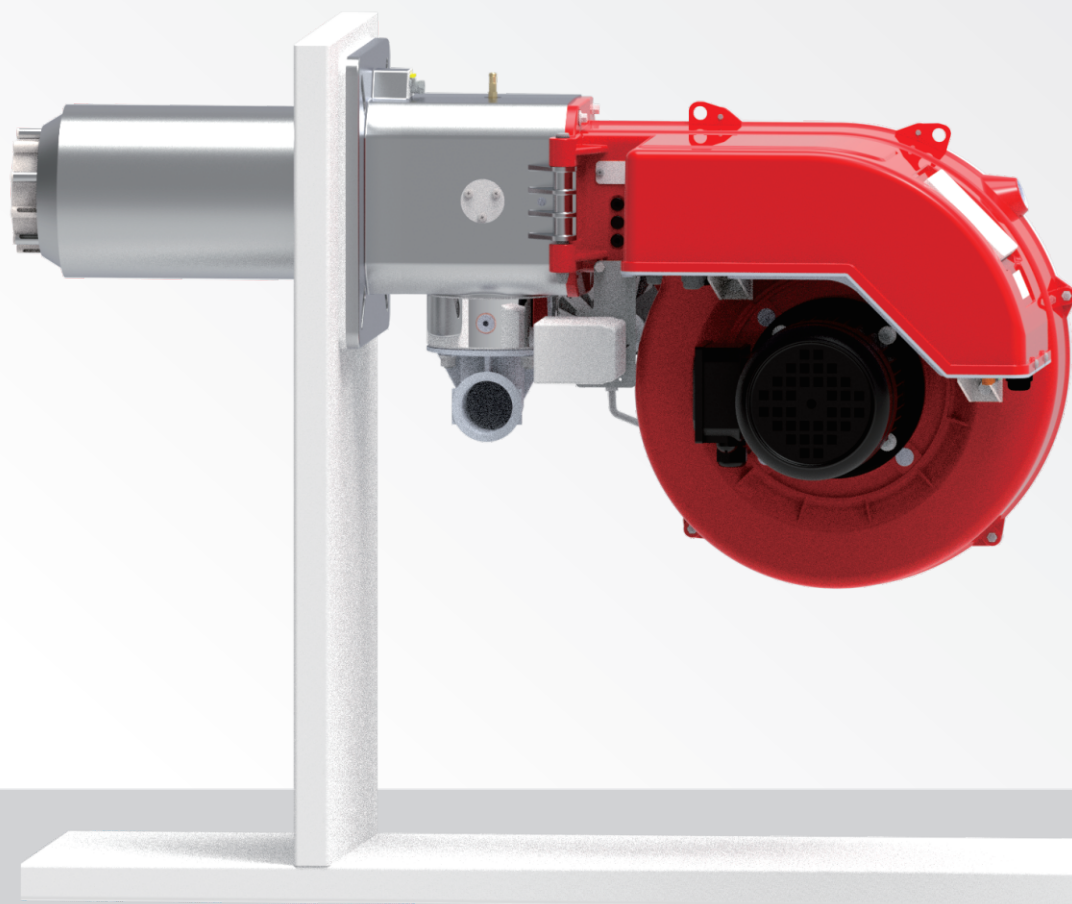
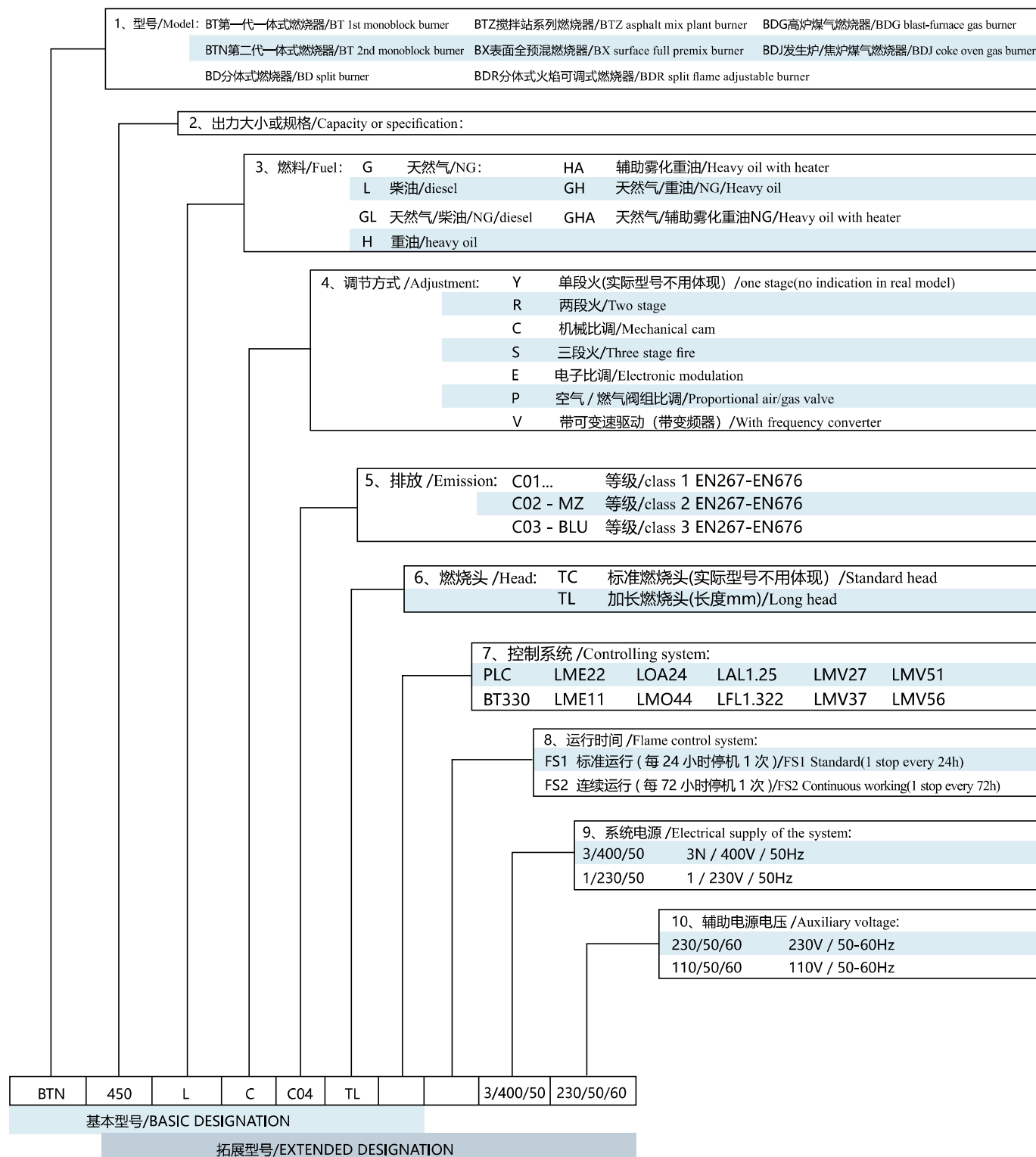




# 产品型号规格定义

## Product Model Specification Definition



# BTN85/120GC/E BLU 低氮燃气燃烧器

## 技术性能及结构特征

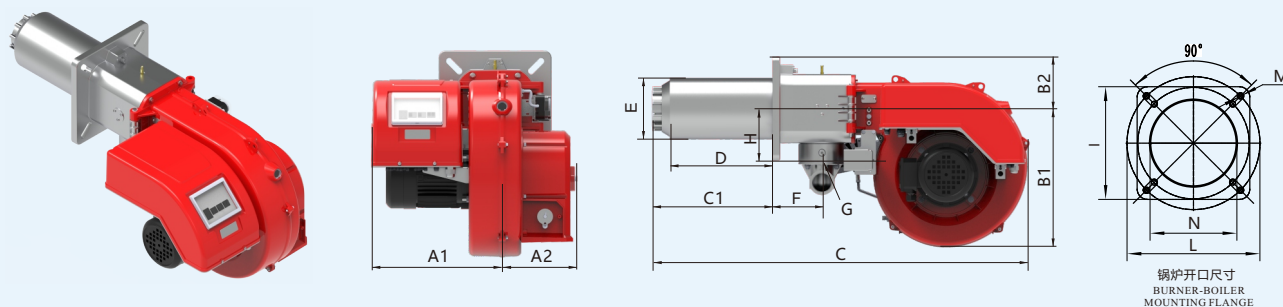
Technical performance and structural characteristics

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 burner 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<br>Power<br>(KW) | 型号<br>Model     | 订货编号<br>Article No. | 电源<br>Power supply | 电机功率<br>Motor power<br>(KW) | 包装尺寸<br>package size<br>(L*W*H/mm) | 重量<br>weight<br>(kg) |
|---------------------|-----------------|---------------------|--------------------|-----------------------------|------------------------------------|----------------------|
| 150~860             | BTN85GC BLU     | 203 22 082          | 380V 50Hz          | 1.5                         | 1010x905x635                       | 78                   |
|                     | BTN85GE BLU     | 203 22 083          |                    |                             |                                    |                      |
| 300~1300            | BTN120GC BLU    | 203 22 120          | 380V 50Hz          | 2.2                         | 1010x905x635                       | 81                   |
|                     | BTN120GE BLU    | 203 22 121          |                    |                             |                                    |                      |
| 150~860             | BTN85GC BLU-TL  | 203 22 409          | 380V 50Hz          | 1.5                         | 1010x905x635                       | 78                   |
|                     | BTN85GE BLU-TL  | 203 22 084          |                    |                             |                                    |                      |
| 300~1300            | BTN120GC BLU-TL | 203 22 410          | 380V 50Hz          | 2.2                         | 1010x905x635                       | 81                   |
|                     | BTN120GE BLU-TL | 202 22 141          |                    |                             |                                    |                      |

## 外观尺寸图

Overall dimensions



| 型号<br>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 |
| BTN85GC BLU     | 355 | 235 | 430 | 160 | 1030 | 236   | 182 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN85GE BLU     | 355 | 235 | 430 | 160 | 1055 | 261   | 200 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN85GC BLU-TL  | 355 | 235 | 430 | 160 | 1165 | 371   | 317 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN85GE BLU-TL  | 355 | 235 | 430 | 160 | 1190 | 396   | 335 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN120GC BLU    | 355 | 235 | 430 | 160 | 1033 | 238.5 | 182 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN120GE BLU    | 355 | 235 | 430 | 160 | 1055 | 261   | 200 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN120GC BLU-TL | 355 | 235 | 430 | 160 | 1168 | 373.5 | 317 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |
| BTN120GE BLU-TL | 355 | 235 | 430 | 160 | 1190 | 396   | 335 | 190 | 151 | G2" | 231 | 320 | 290-370 | 4-M16 | 200 |

# BTN85/120GC/E BLU Low NOx 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

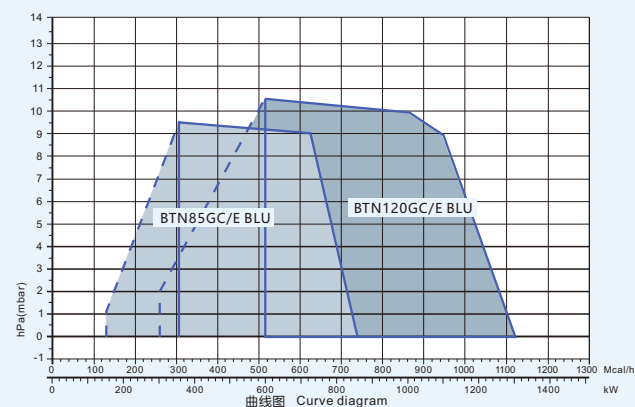
## 比例调节功能 Proportional control function

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.

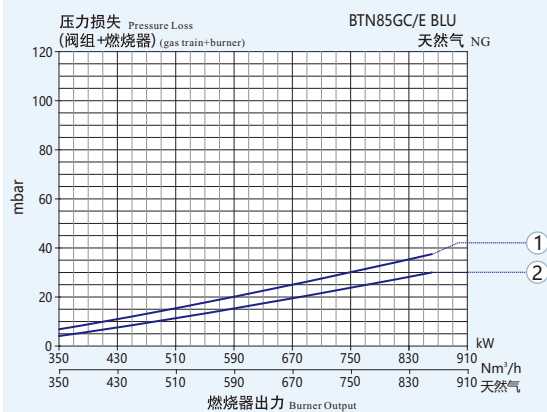
## 备注 remark

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)

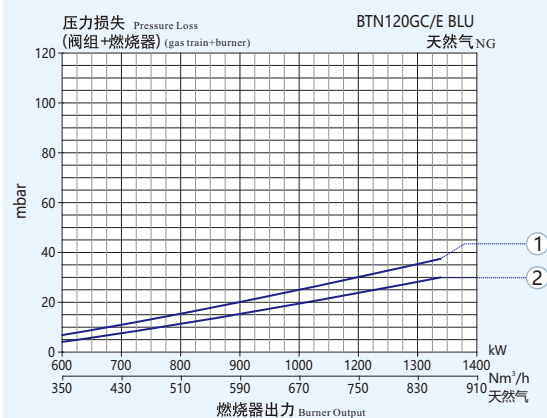


## BTN85GC/E BLU

天然气 natural gas

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

## 锅炉燃烧器功率(kW) Burner Output (kW)



## BTN120GC/E BLU

天然气 natural gas

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



## 浙江百特燃烧器有限公司

ZHEJIANG BAITE BURNERS MANUFACTURE CO., LTD

地址/ADD: 浙江省乐清市象阳工业区百特路2号  
NO.2 BAITE RD.XIANGYANG INDUSTRIAL PARK ,YUEQING CITY ,ZHEJIANG PROVINCE  
电话/TEL: 0086-577-62655355 62652355

传真/FAX: 0086-577-62653955

服务热线/Hotline:  
400 001 5556

网址/Web: [www.baite.cn](http://www.baite.cn)

邮箱/Mail: [bt@baite.cn](mailto:bt@baite.cn)



请用微信扫一扫  
进入公司官方网站

© 浙江百特燃烧器有限公司版权所有 2024 珍惜资源，善待环境

本目录所载产品尺寸、规格仅供参考，若有变更，恕不另行通知！以本公司提供的产品为准！  
BAITE BURNERS KEEPS THE REVISION RIGHT WITHOUT INFORM IN ADVANCE.INCLUDING THE PRODUCT DIMENSION,SPECIFICATION!