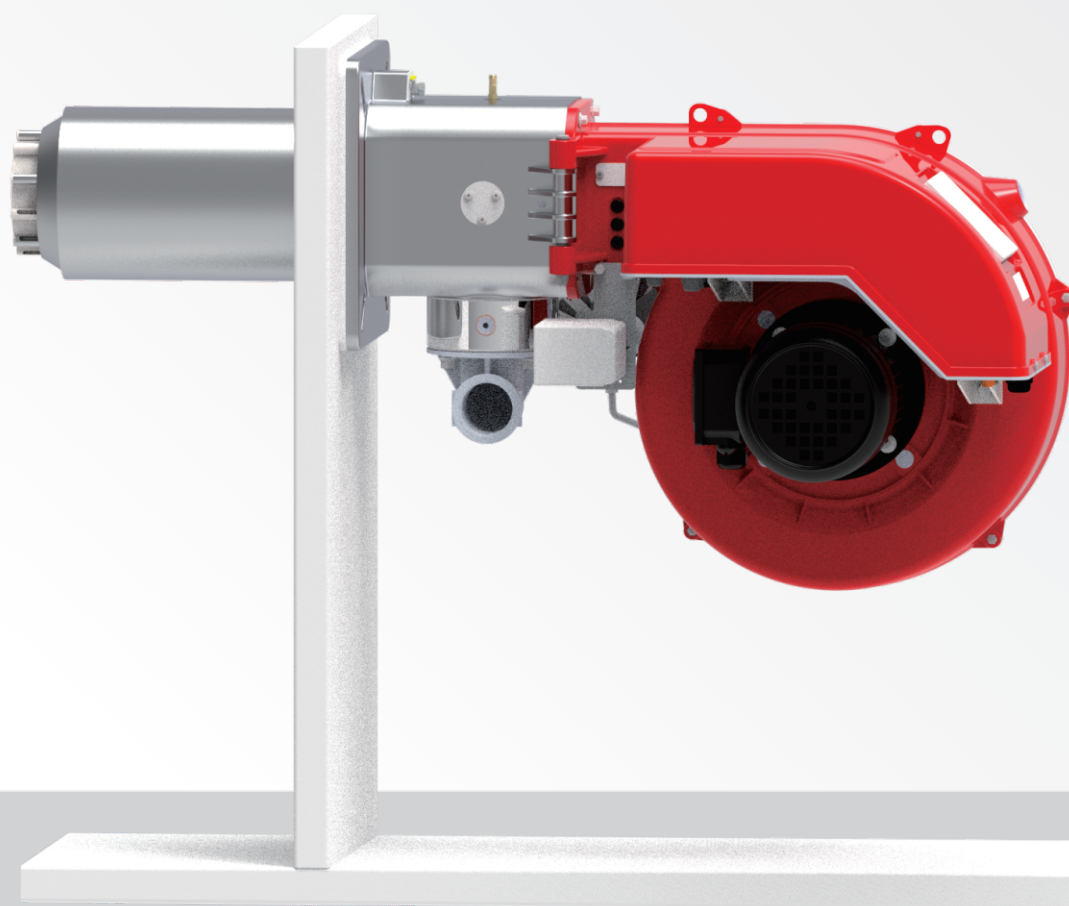




# 产品型号规格定义

## Product Model Specification Definition



# BX85/120GE全预混表面燃烧超低氮燃气燃烧器

## 技术性能及结构特征

Technical performance and structural characteristics

1. 金属纤维表面燃烧，燃烧均匀。

2. 燃气与空气预先混合。

3. 全预混燃烧，燃烧速度快，火焰短，抑制NOx的生成。

4. NOx排放最低可达到18mg/m³。

5. 单段运行/电子比例调节运行。

6. 电子比例调节由两个伺服电机分别控制燃气与空气量的配比。

7. 助燃空气带有过滤装置，防止燃烧头长时间运行时造成堵塞。

8. 电离电极检测火焰。

9. 标准配置的电气防护等级IP40。
- 1.Metal fiber surface burning, burning evenly.

2.Pre-mix gas and air.

3.Full premixed combustion, fast combustion speed, short flame, inhibit Nox generation.

4.The minimum NOx emission can reach 18mg/m3.

5.Single stage operation/electronic proportional adjustment operation.

6.Electronic proportional regulation is controlled by two servo motors respectively to control the ratio of gas and air volume.

7.There has filter device in supporting combustion air .to avoid of block during long time operation in burner head.

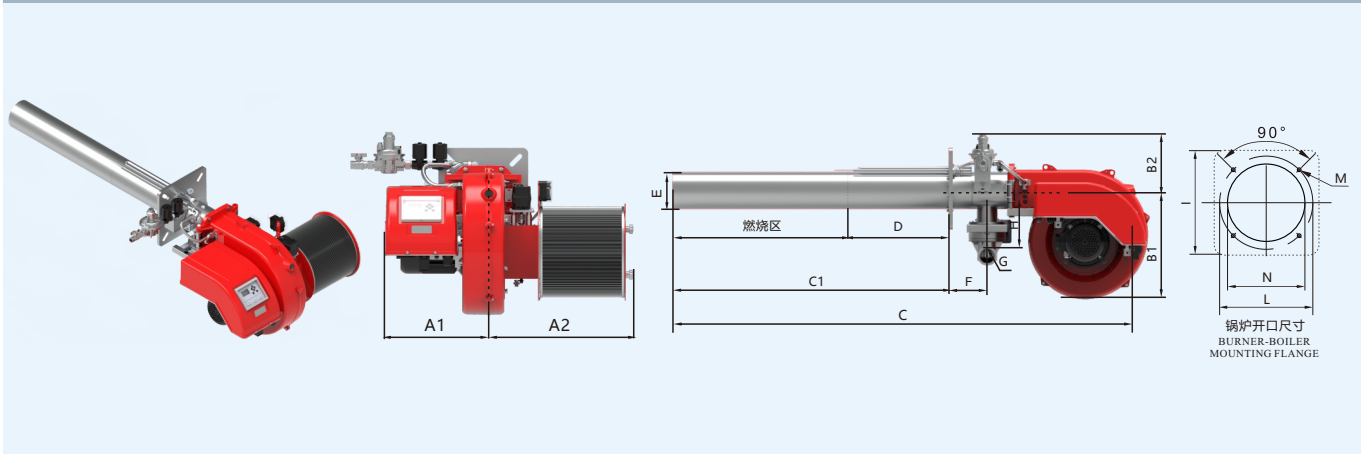
8.Flame detection by ionisation electrode.

9.Electric protection rating: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) |
|---------------------|-------------|---------------------|--------------------|-----------------------------|------------------------------------|----------------------|
| 300 ~ 850           | BX85GE      | 202 22 112          | 380V 50Hz          | 1.5                         | 1030x640x735<br>1590x520x545       | 120.5                |
| 300 ~ 1100          | BX120GE     | 202 22 113          | 380V 50Hz          | 2.2                         | 1030x640x735<br>1840x520x545       | 125                  |

## 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 |
| BX85GE      | 355 | 540 | 428 | 217 | 1900 | 1100 | 400 | 145 | 153 | G2" | 256.5 | 321 | 290-370 | 4-M16 | 200 |
| BX120GE     | 355 | 540 | 428 | 217 | 2200 | 1400 | 400 | 145 | 153 | G2" | 256.5 | 321 | 290-370 | 4-M16 | 200 |

# BX85/120GE Full Premix Surface Combustion Extremely Low NOx Burner



## 备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Can lengthen the blast tube, Can books the 60Hz.

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

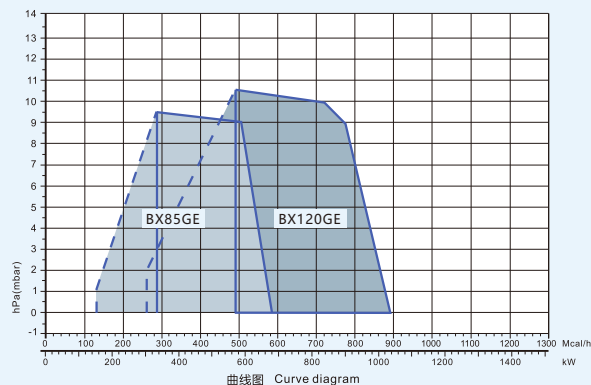
Proportional control function

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.

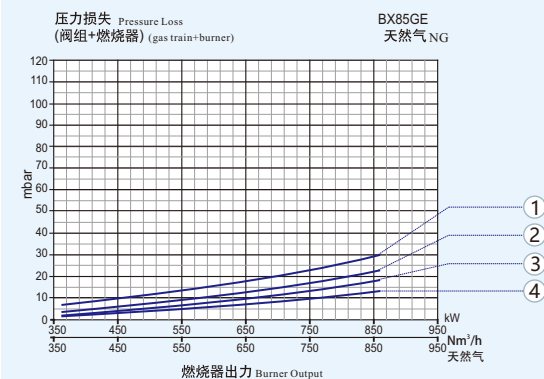
## 曲线图

curve graph



## 锅炉燃烧器功率(kW)

Boiler Output (kW)



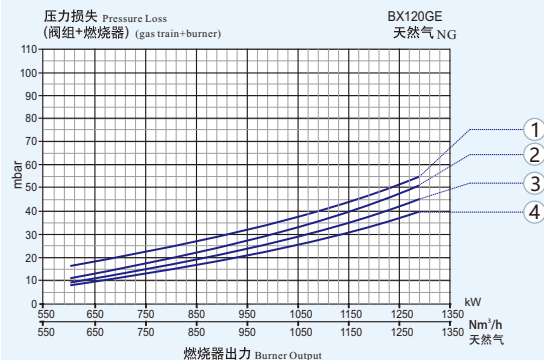
## BX85GE

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 |
|-----------------------------------|----------------------------|-----------------------|-----------------------------------------|---------------------|
| ① QF-MVD215/5+MVDLE215/5-PLC-RC2* | 222 25 482                 | GW50A6                | 200                                     | QF7                 |
| ② QF-MVD220/5+MVDLE220/5-PLC-RC2* | 222 25 485                 | GW50A6                | 200                                     | QF7                 |
| ③ QF-DMV-D520/11-PLC-RC2*         | 222 25 207                 | GW50A5                | 360                                     | QF5                 |
| ④ QF-DMV-D525/11-PLC-RC2*         | 222 25 209                 | GW50A5                | 360                                     | QF5                 |

## 锅炉燃烧器功率(kW)

Boiler Output (kW)



## BX120GE

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 |
|-----------------------------------|----------------------------|-----------------------|-----------------------------------------|---------------------|
| ① QF-MVD215/5+MVDLE215/5-PLC-RC2* | 222 25 482                 | GW50A6                | 200                                     | QF7                 |
| ② QF-MVD220/5+MVDLE220/5-PLC-RC2* | 222 25 485                 | GW50A6                | 200                                     | QF7                 |
| ③ QF-DMV-D520/11-PLC-RC2*         | 222 25 207                 | GW50A5                | 360                                     | QF5                 |
| ④ QF-DMV-D525/11-PLC-RC2*         | 222 25 209                 | GW50A5                | 360                                     | QF5                 |



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