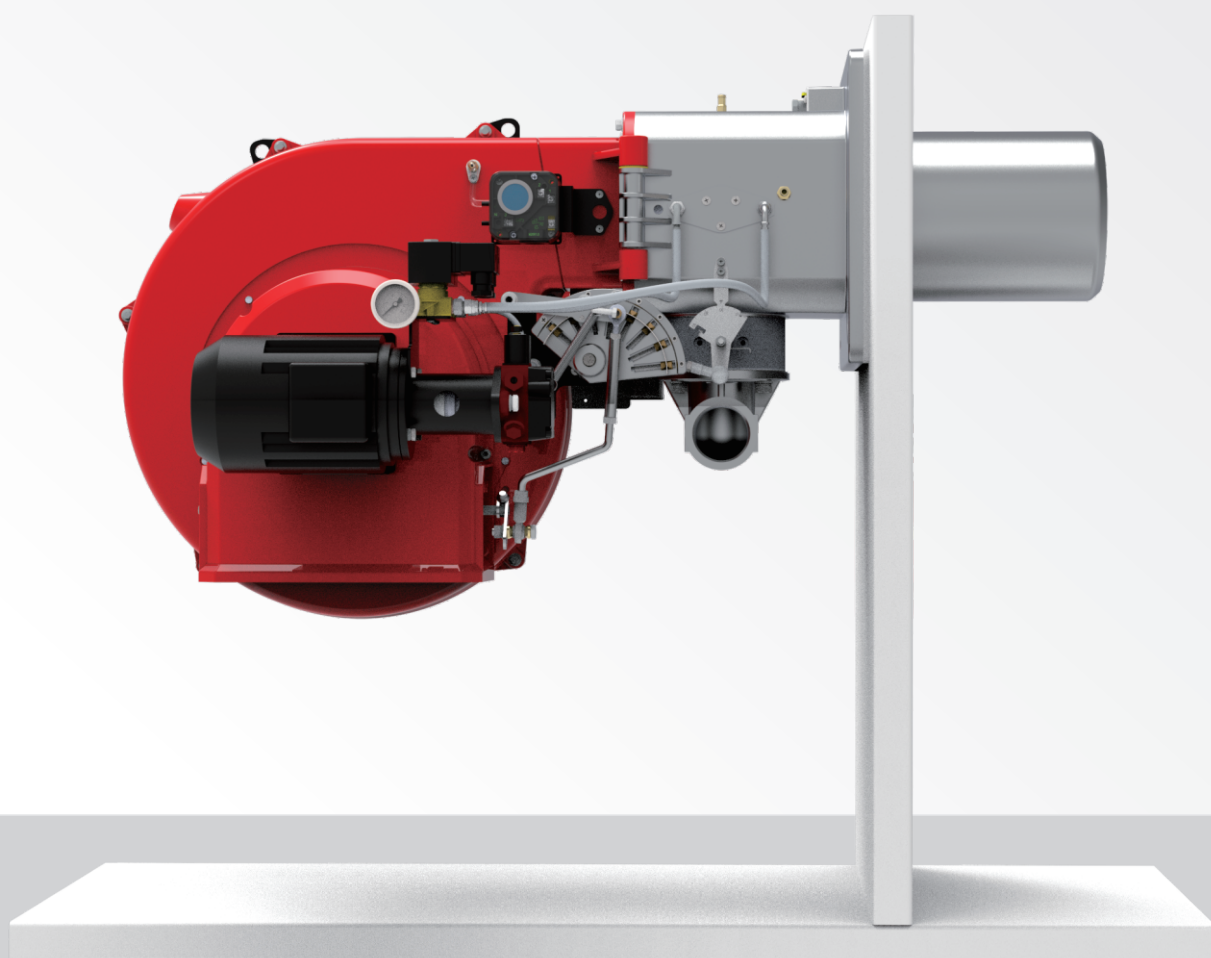




# 产品型号规格定义

## Product Model Specification Definition



# BTN15/20/30GL单段火燃气/轻油双燃料燃烧器

## 技术性能及结构特征

Technical performance and structural characteristics

1. 交替工作天然气/轻油双燃料燃烧器。

2. 单段运行（开/关）。

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. 无须拆掉安装法兰，就可直接拆下燃烧器，维修保养方便。

6. 手动调节空气流量。

7. 采用一个法兰和耐高温隔热垫与锅炉联接固定。

8. 带流量调节装置的燃烧空气进口。

9. 耐高温的不锈钢燃烧头火焰盘。

10. 单相电机带动风机和油泵。

11. 电离电极/光敏电阻检测火焰。

12. 标准配置的电气防护等级IP40。

13. 塑料保护外罩。
1. Alternate methane gas/light oil burner.

2. Single stage operation(on/off).

3. Air-gas mixing at blast-pipe.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Do not need to remove the installation of flange and combustion cylinder,it can be directly removed burner.

6. Manual flow adjustment.

7. Using a flange and high temperature resistant heatinsulation pads connected to the boiler.

8. Combustion air intake with air flow adjustment device.

9. Adjustable blast-pipe with stainless steel nozzle and deflector disk in steel.

10. Momophase electric motor to run fan and pump.

11. Flame presence check by photoresistance and ionisation electrode.

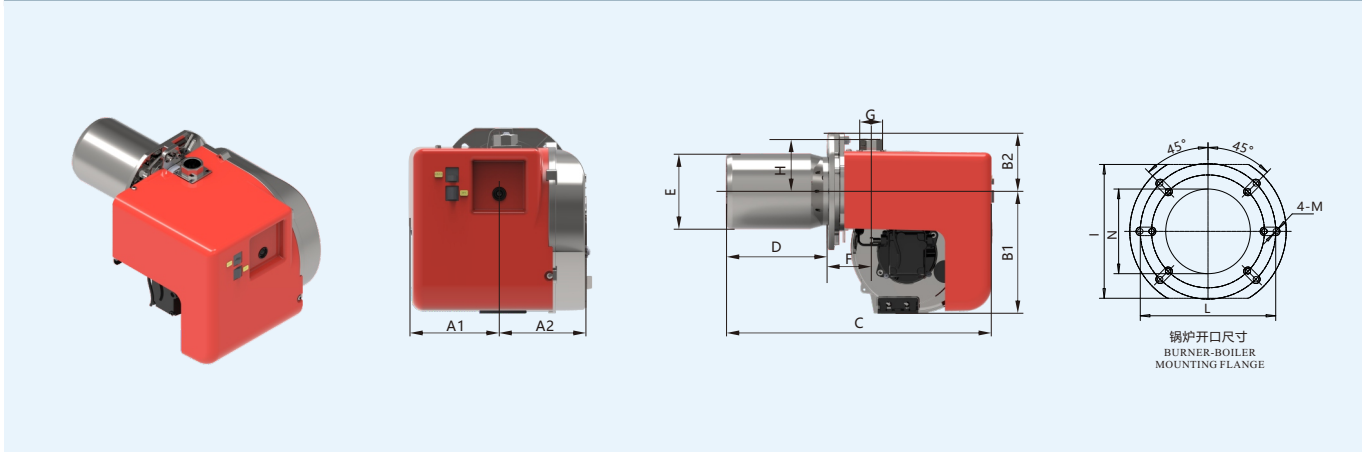
12. Electrical plant protection rating Ip40

13. Plastic protection cover.

| 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) |
|---------------------|-------------|---------------------|--------------------|-----------------------------|------------------------------------|----------------------|
| 50~160              | BTN15GL     | 202 23 013          | 230V 50Hz          | 0.2                         | 525X365X380                        | 12                   |
| 60~205              | BTN20GL     | 202 23 014          | 230V 50Hz          | 0.2                         | 525X365X380                        | 12                   |
| 100~280             | BTN30GL     | 202 23 015          | 230V 50Hz          | 0.25                        | 525X365X380                        | 12.5                 |

## 外观尺寸图

Overall dimensions



| 型 号<br>model | A1  | A2  | B1  | B2 | C   | D   | E   | F  | G   | H   | I       | L       | N   |
|--------------|-----|-----|-----|----|-----|-----|-----|----|-----|-----|---------|---------|-----|
|              | mm  | mm  | mm  | mm | mm  | mm  | Φmm | mm | mm  | mm  | mm      | Φmm     | Φmm |
| BTN15GL      | 157 | 137 | 204 | 98 | 438 | 162 | 114 | 72 | G1" | 144 | 195-220 | 160-190 | 124 |
| BTN20GL      | 157 | 137 | 204 | 98 | 445 | 169 | 125 | 72 | G1" | 144 | 195-220 | 160-190 | 135 |
| BTN30GL      | 157 | 137 | 204 | 98 | 445 | 169 | 125 | 72 | G1" | 144 | 195-220 | 160-190 | 135 |

# BTN15/20/30GL

## One Stage Light Oil & Gas Dual Fuel Burner

baite

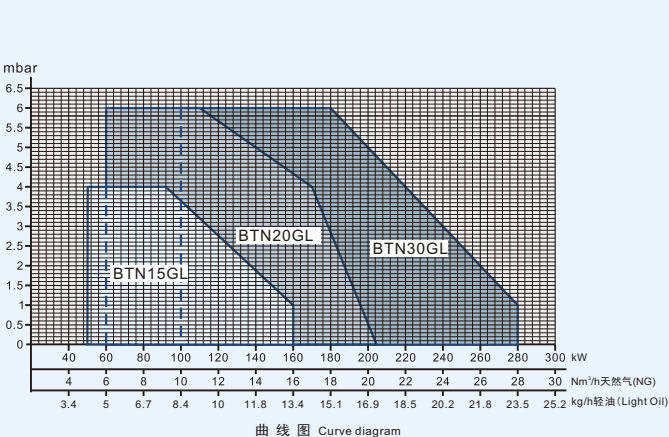
### 备选功能

加长的燃烧筒，可定制60Hz  
Longer blast tube and 60HZ motor is customized.

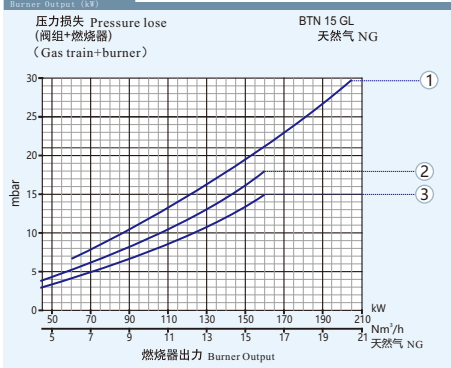
### 备注

\* 阀组进口允许的最大燃气压力。  
\* Maximum allowable gas pressure at valve group inlet.

### 曲线图



### 锅炉燃烧器功率(kW)

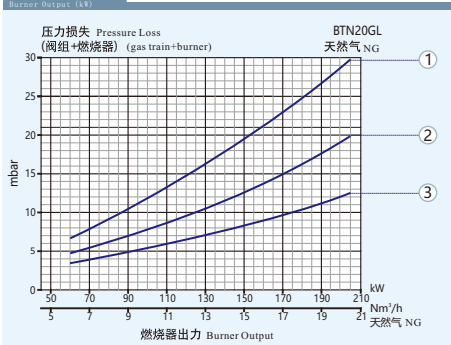


### BTN15GL

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<br>(mbar) | 图号<br>figure number |
|-----------------------------|----------------------------|-----------------------|--------------------------------------------|---------------------|
| ③ QF-MVDLE210/5-RC1*        | 222 25 355                 | -                     | 360                                        | QF1                 |
| ① QF-MB-DLE405 B01 S20-RC1* | 222 25 653                 | -                     | 360                                        | QF3                 |
| ② QF-MB-DLE407 B01 S20-RC1* | 222 25 654                 | -                     | 360                                        | QF3                 |
| ③ QF-MB-DLE410 B01 S20-RC1* | 222 25 655                 | -                     | 360                                        | QF3                 |

### 锅炉燃烧器功率(kW)

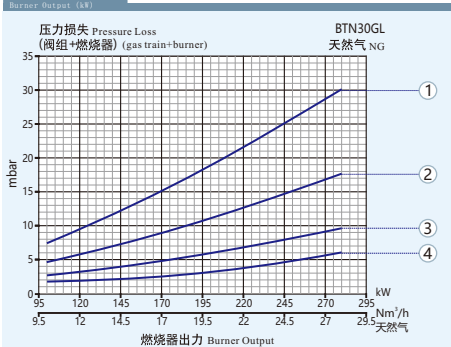


### BTN20GL

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<br>(mbar) | 图号<br>figure number |
|-----------------------------|----------------------------|-----------------------|--------------------------------------------|---------------------|
| ② QF-MVDLE207/5-RC1*        | 222 25 354                 | -                     | 360                                        | QF1                 |
| ③ QF-MVDLE210/5-RC1*        | 222 25 355                 | -                     | 360                                        | QF1                 |
| ① QF-MB-DLE405 B01 S20-RC1* | 222 25 653                 | -                     | 360                                        | QF3                 |
| ② QF-MB-DLE407 B01 S20-RC1* | 222 25 654                 | -                     | 360                                        | QF3                 |
| ③ QF-MB-DLE410 B01 S20-RC1* | 222 25 655                 | -                     | 360                                        | QF3                 |

### 锅炉燃烧器功率(kW)



### BTN30GL

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<br>(mbar) | 图号<br>figure number |
|-----------------------------|----------------------------|-----------------------|--------------------------------------------|---------------------|
| ① QF-MVDLE207/5-RC1*        | 222 25 354                 | -                     | 360                                        | QF1                 |
| ② QF-MVDLE210/5-RC1*        | 222 25 355                 | -                     | 360                                        | QF1                 |
| ③ QF-MB-DLE405 B01 S20-RC1* | 222 25 653                 | -                     | 360                                        | QF3                 |
| ① QF-MB-DLE407 B01 S20-RC1* | 222 25 654                 | -                     | 360                                        | QF3                 |
| ④ QF-MB-DLE410 B01 S20-RC1* | 222 25 655                 | -                     | 360                                        | QF3                 |



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