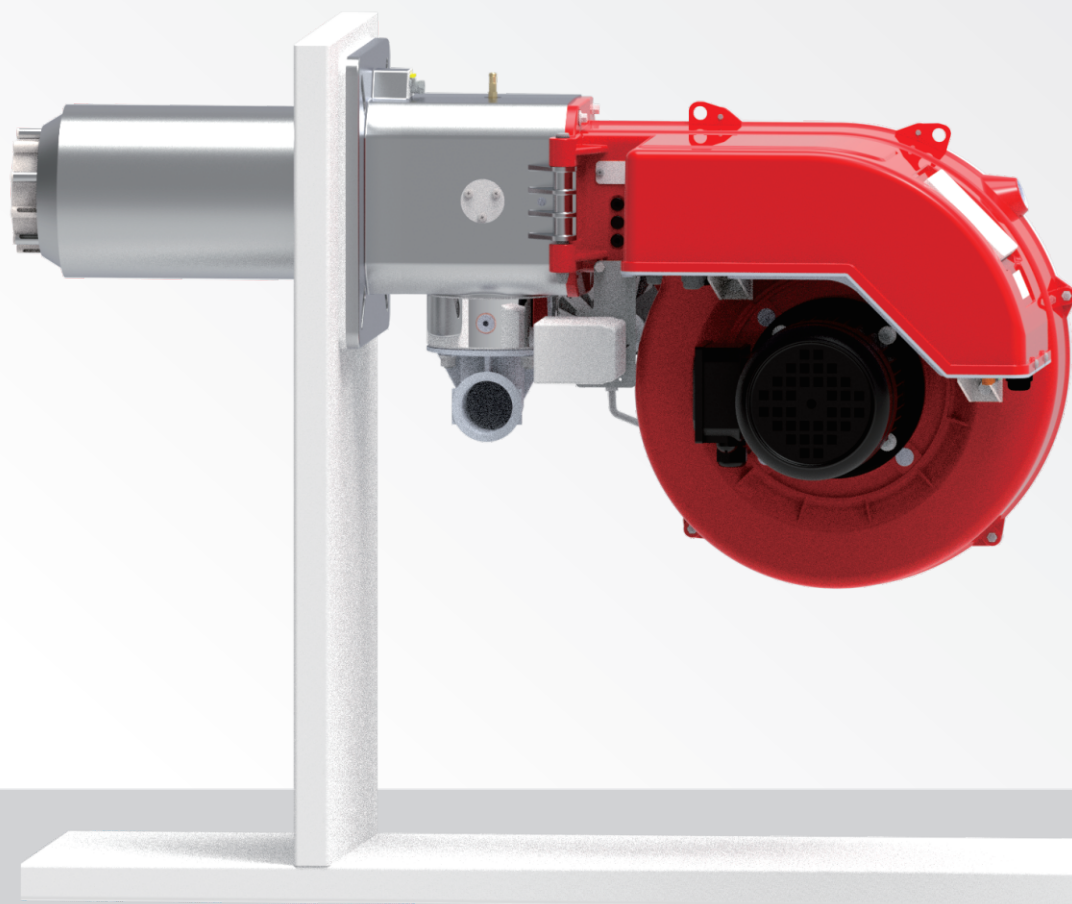




产品型号规格定义

Product Model Specification Definition



BTN40/55GC/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. 单相电机带动风机。

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. Single phase motor drives fan motor.

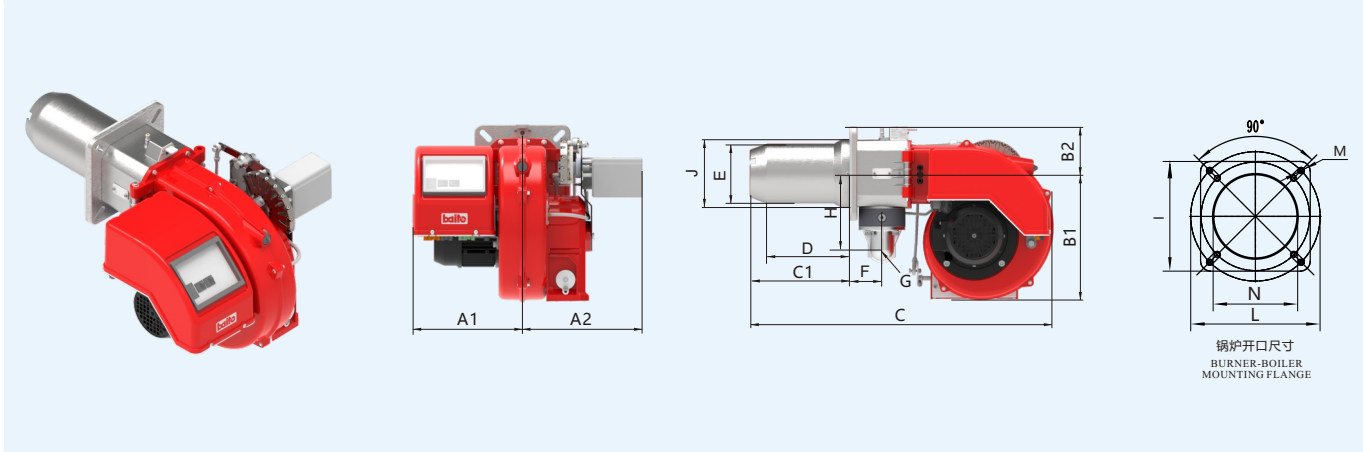
11. Flame detection by ionisation electrode, ultraviolet photocell detects flame.

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)
45~370	BTN40GC BLU	203 22 040	230V 50Hz	0.45	645x600x465	28.5
	BTN40GE BLU	203 22 041				
	BTN55GC BLU	203 22 055				
72~480	BTN55GE BLU	203 220 56	230V 50Hz	0.45	645x600x465	28.5
	BTN40GC BLU-TL	203 22 408				
	BTN40GE BLU-TL	203 22 421				
45~370	BTN55GC BLU-TL	203 22 411	230V 50Hz	0.45	645x600x465	28.5
	BTN55GE BLU-TL	203 22 422				

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	J
	mm	mm	mm	mm	mm	mm	mm	Φmm	mm	mm	mm	mm	Φmm	M	Φmm	Φmm
BTN40GC BLU	253	276	300	110	713	230	197	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN40GE BLU	253	207	300	110	713	230	197	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN40GC BLU-TL	253	276	300	110	837	354	321	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN40GE BLU-TL	253	207	300	110	837	354	321	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN55GC BLU	253	276	300	110	713	230	197	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN55GE BLU	253	207	300	110	713	230	197	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN55GC BLU-TL	253	276	300	110	837	354	321	140	77	G1½"	178	220	218-260	4-M10	170	161
BTN55GE BLU-TL	253	207	300	110	837	354	321	140	77	G1½"	178	220	218-260	4-M10	170	161

BTN40/55GC/E BLU Low NO_x Gas Burner

baite

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

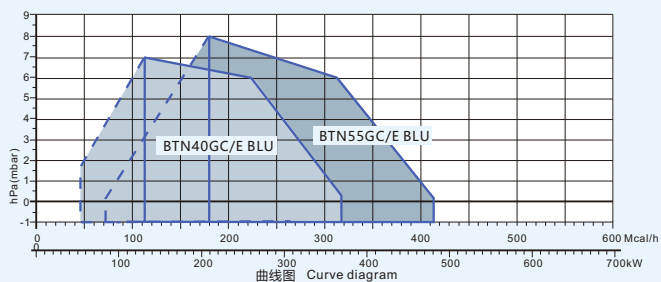
remark

配有空气关闭装置。

Equipped with air closing device.

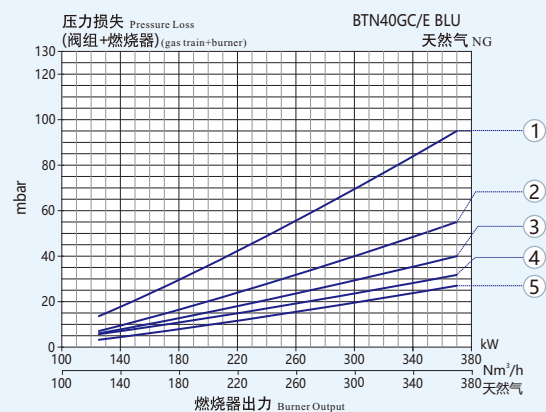
曲线图

curve graph



锅炉燃烧器功率(kW)

Burner Output (kW)



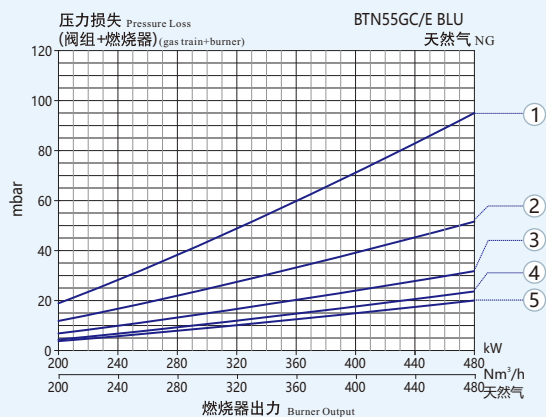
BTN40GC/E BLU

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-MVDLE210/5-RC1 1/2"	222 25 357	-	360	QF1
④ QF-MVDLE215/5-RC1 1/2"	222 25 358	-	200	QF1
⑤ QF-MVDLE220/5-RC1 1/2"	222 25 359	-	200	QF1
① QF-MB-DLE407 B01 S20-RC1 1/2"	222 25 656	-	360	QF3
② QF-MB-DLE410 B01 S20-RC1 1/2"	222 25 657	-	360	QF3
③ QF-MB-DLE412 B01 S20-RC1 1/2"	222 25 658	-	360	QF3
④ QF-MB-DLE415 B01 S20-RC1 1/2"	222 25 659	-	360	QF3

锅炉燃烧器功率(kW)

Burner Output (kW)



BTN55GC/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-MVDLE210/5-RC1 1/2"	222 25 357	-	360	QF1
④ QF-MVDLE215/5-RC1 1/2"	222 25 358	-	200	QF1
⑤ QF-MVDLE220/5-RC1 1/2"	222 25 359	-	200	QF1
① QF-MB-DLE407 B01 S20-RC1 1/2"	222 25 656	-	360	QF3
② QF-MB-DLE410 B01 S20-RC1 1/2"	222 25 657	-	360	QF3
③ QF-MB-DLE412 B01 S20-RC1 1/2"	222 25 658	-	360	QF3
④ QF-MB-DLE415 B01 S20-RC1 1/2"	222 25 659	-	360	QF3



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