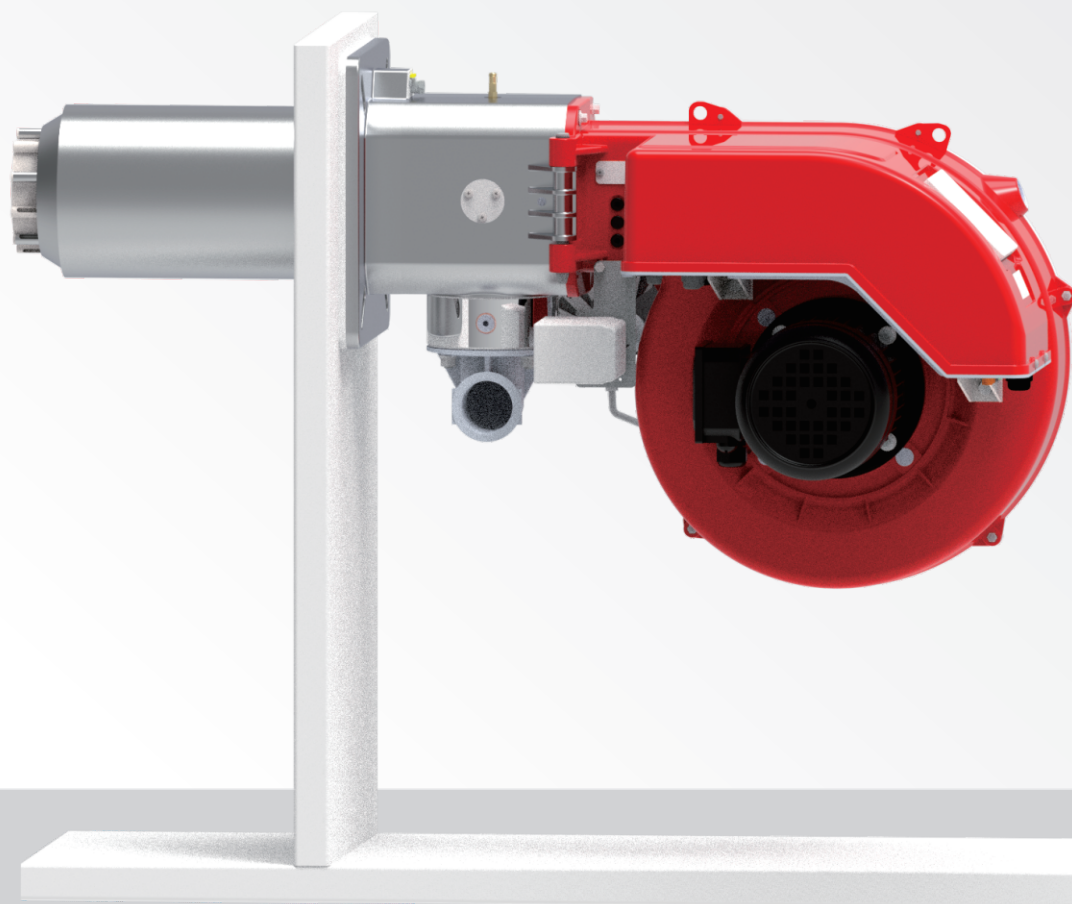
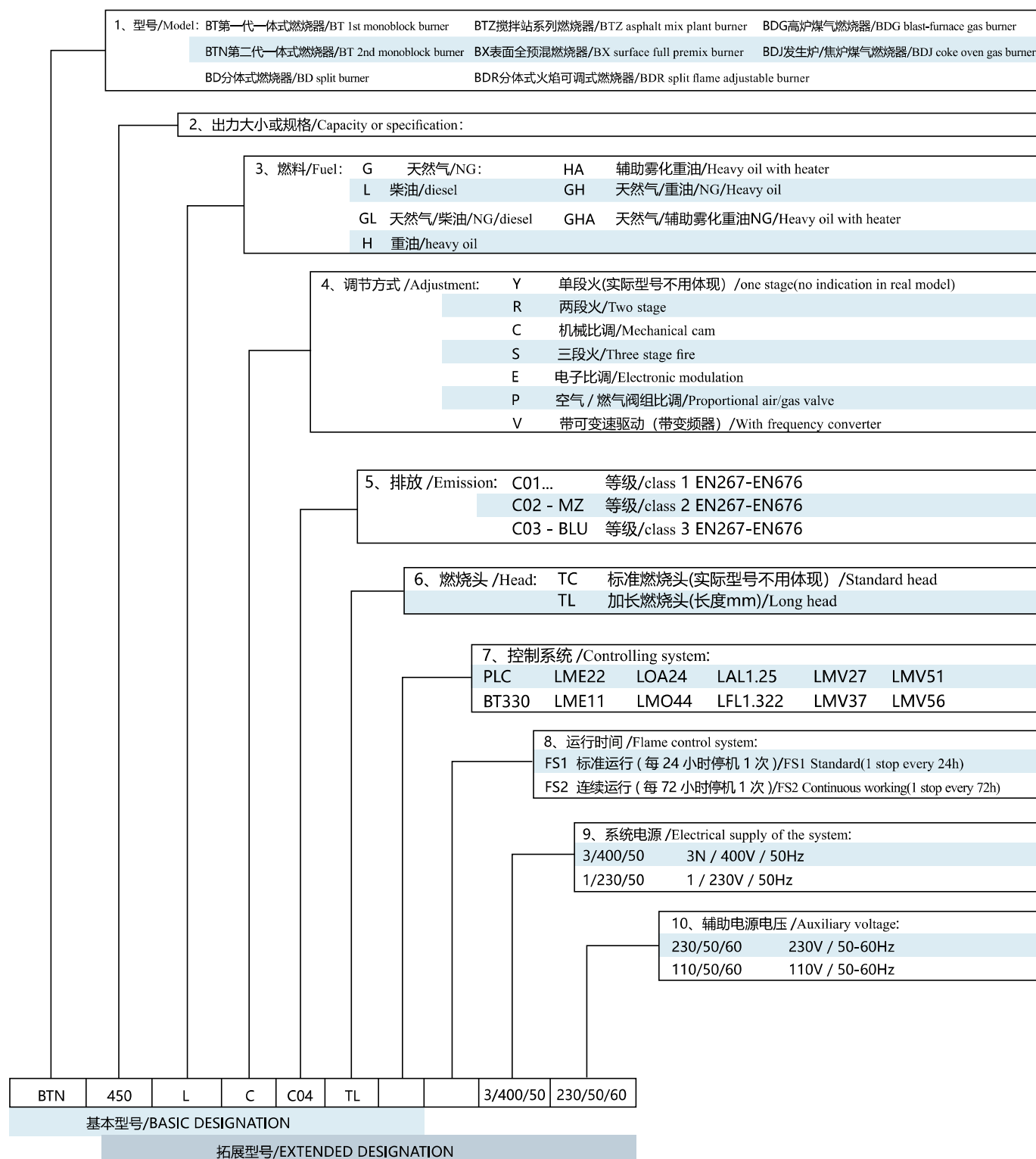




产品型号规格定义

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 burne adopt 2 servo motors.

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

9. Combustion air intake with throttle dampe.

10. 3phase Motor Drives Fan Motor.

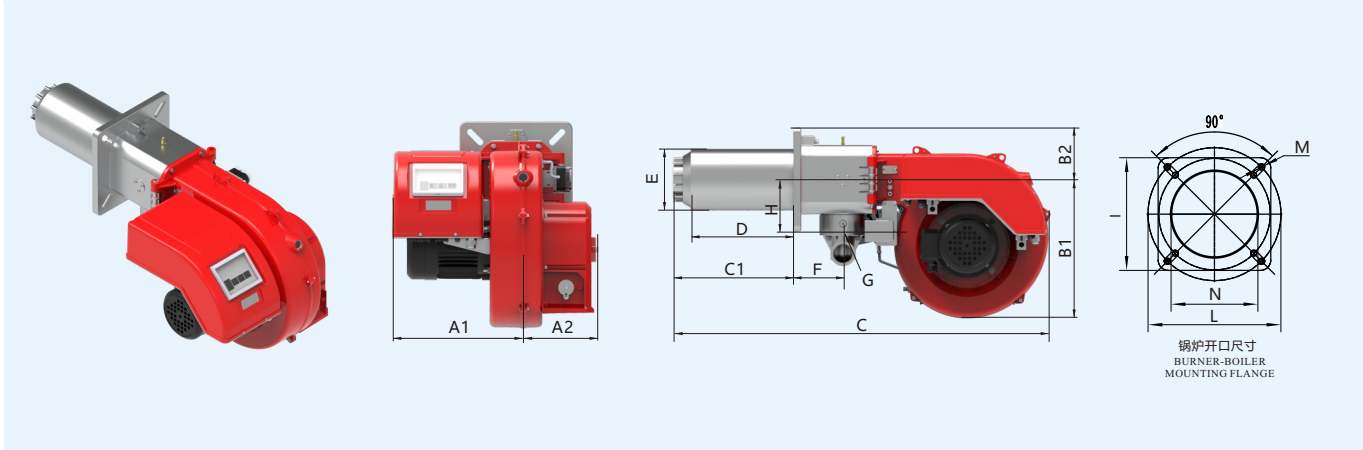
11. Flame detection by ionisation electrode, ultraviolet photocell detects flame.

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)
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 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

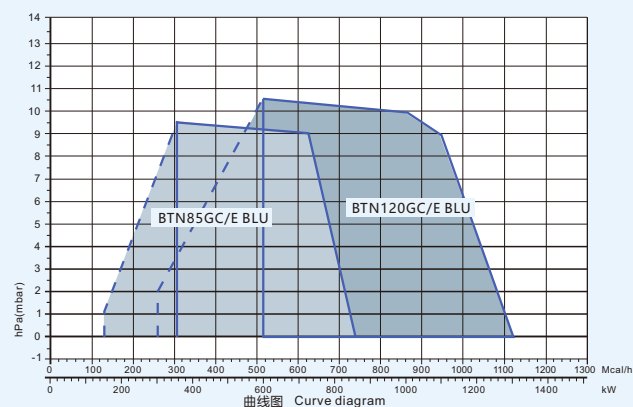
比例调节功能 Proportional control function

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.

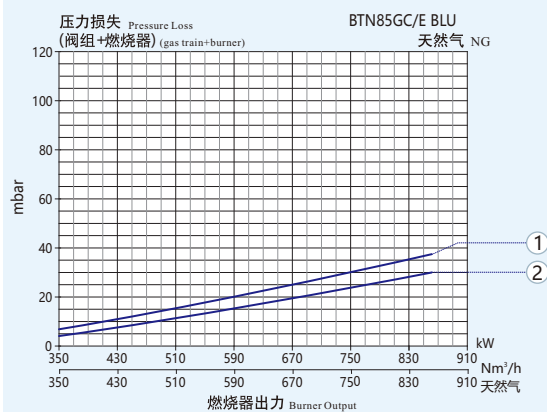
备注 remark

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)

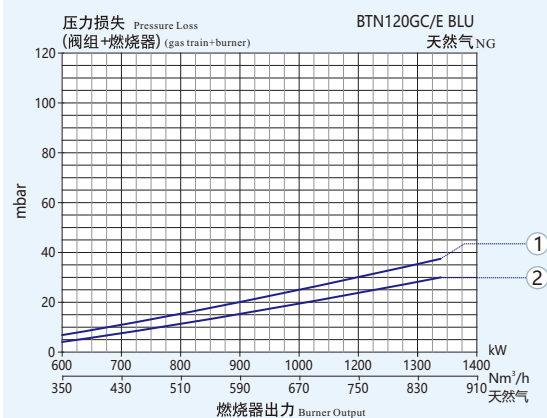


BTN85GC/E BLU

天然气 natural gas

曲线 (型号) 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
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) 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
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

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