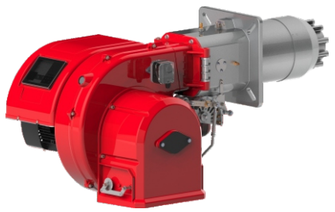
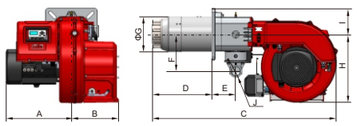
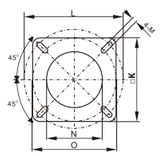






技术性能及结构特征

Technological performance and structural descriptions

1. 低氮燃气燃烧器。
2. 双段渐进式/比例式运行。
3. 多个喷管，分散式燃烧，防止火焰过于集中造成高氧化反应。
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. 带有凸轮的伺服电机可以同时调节空气和燃料的供应。
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。
12. 标准配置的电气防护等级IP40。

1. Low N gas burner.
2. Two-stage sliding/modulating operation.
3. Multiple gas pipes, non-central combustion ,in case of high oxidation
4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
5. Hinged connection,it is better for maintenance.
6. Minimum and maximum air flow regulation for first and second stage by means of electric servomotor with pause closure of gate to prevent any heat dispersion to flue.
7. The servo motor which fixed with a cam can adjust the consumption for fuel and air.
8. Using a flange and high temperature resistant heat insulation pads connected to the boiler.
9. Combustion air intake with air flow adjustment device.
10. Three-phase electric motor to run fan.
11. Ionization electrode checks the flame.
12. Electrical plant protection rating IP40.

功率 Power kW	型 号 Model	订货编号 Art No.	电 源 Power supply	电机功率 Motor power kW	包装尺寸 Packing Size LxPxH mm	重量 Net weight kg
300 ~ 1860	BTN210GN(GC BLU)-TC	203 22 210	380V 50Hz	4.5	1000x900x780	89
570 ~ 2400	BTN250GN(GC BLU)-TC	203 22 250	380V 50Hz	5.5	1000x900x780	125
300 ~ 1860	BTN210GN(GC BLU)-TL	203 22 412	380V 50Hz	4.5	1000x900x780	89
570 ~ 2400	BTN250GN(GC BLU)-TL	203 22 413	380V 50Hz	5.5	1000x900x780	125

型 号 Model	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H Φmm	I Φmm	J mm	K mm	L Φmm	M M	N Φmm	O Φmm
BTN210GN(GC BLU)TC	403	299	1165	373	151	231	222	427	160	G2"	320	370	4-M16	232	290
BTN250GN(GC BLU)-TC	403	299	1165	373	151	231	222	427	160	G2"	320	370	4-M16	232	290
BTN210GN(GC BLU)-TL	403	299	1300	508	151	231	222	427	160	G2"	320	370	4-M16	232	290
BTN250GN(GC BLU)TL	403	299	1300	508	151	231	222	427	160	G2"	320	370	4-M16	232	290

备选功能

TL为标配机型，加长的燃烧筒，可定制60Hz
TL is its matching burner model, Can lengthen the blast tube,Can books the 60Hz.

比例调节功能

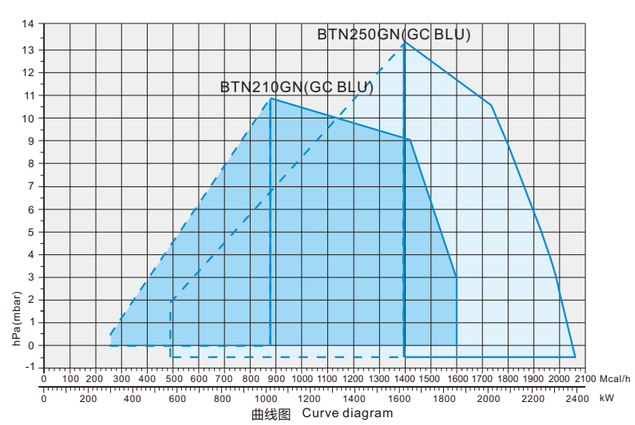
另外订购比例仪RWF40或DC1020与调节组件,燃烧器即可实现比例调节运行.
If order Modulation device RWF40 or Dc1020 set,burner can turn to modulation regulation.

标准配件

阀组 -与锅炉配套的组件
Valve -the partnership with the boiler

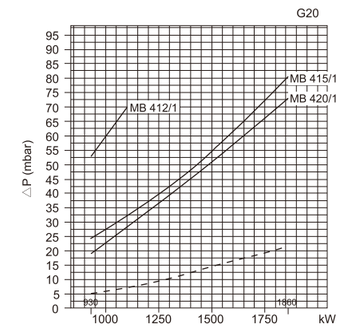
备注

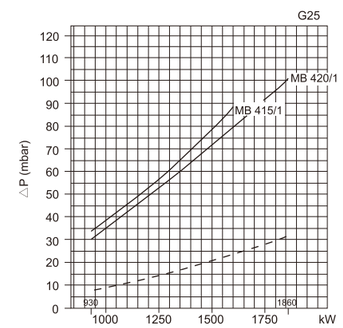
1) 配有空气关闭装置。
1) It is with air closure device.

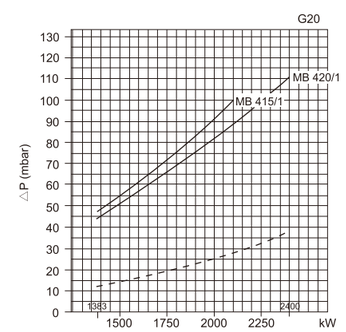


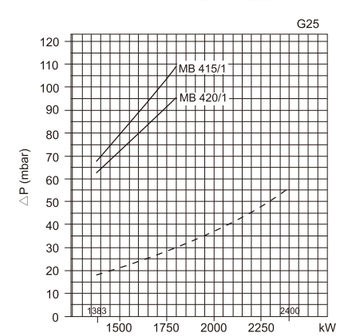
曲线图 Curve diagram

BTN210/250GN(GC BLU)低氮燃气燃烧器
Low N Gas Burner









BTN210GN(GC BLU) 天然气

曲线(型号)		阀组编号	检漏	最大压力** mbar	过滤器 调压器	图号	备注
LN215+LN215LE	(1 1/2")	222 25 451	-	100	-	QF3	
BTQF-MVD220/S-Rc2"		222 25 452	包含	100	包含	QF3	标配
VE4065A	(DN65)	222 25 400		100		QF4	
VE4080B	(DN80)	222 25 401	-	100	-	QF4	
VGD40.065	(DN65)	222 25 500	-	100	-	QF8	
VGD40.080	(DN80)	222 25 501	-	100	-	QF8	
MB-DLE410	(1")	222 25 660	选配	360	包含	QF7	
MB-DLE412	(1 1/4")	222 25 661	选配	360	包含	QF7	
MB-DLE415	(1 1/2")	222 25 662	选配	360	包含	QF7	
MB-DLE420	(2")	222 25 663	选配	360	包含	QF7	

BTN250GN(GC BLU) 天然气

曲线(型号)		阀组编号	检漏	最大压力** mbar	过滤器 调压器	图号	备注
LN215+LN215LE	(1 1/2")	222 25 451	-	140	-	QF3	
BTQF-MVD220/S-Rc2"		222 25 452	包含	140	包含	QF3	标配
VE4065A	(DN65)	222 25 400	-	140	-	QF4	
VE4080B	(DN80)	222 25 401		140		QF4	
VGD40.065	(DN65)	222 25 500	-	140	-	QF8	
VGD40.080	(DN80)	222 25 501		140		QF8	
MB-DLE410	(1")	222 25 660	选配	360	包含	QF7	
MB-DLE412	(1 1/4")	222 25 661	选配	360	包含	QF7	
MB-DLE415	(1 1/2")	222 25 662	选配	360	包含	QF7	
MB-DLE420	(2")	222 25 663	选配	360	包含	QF7	