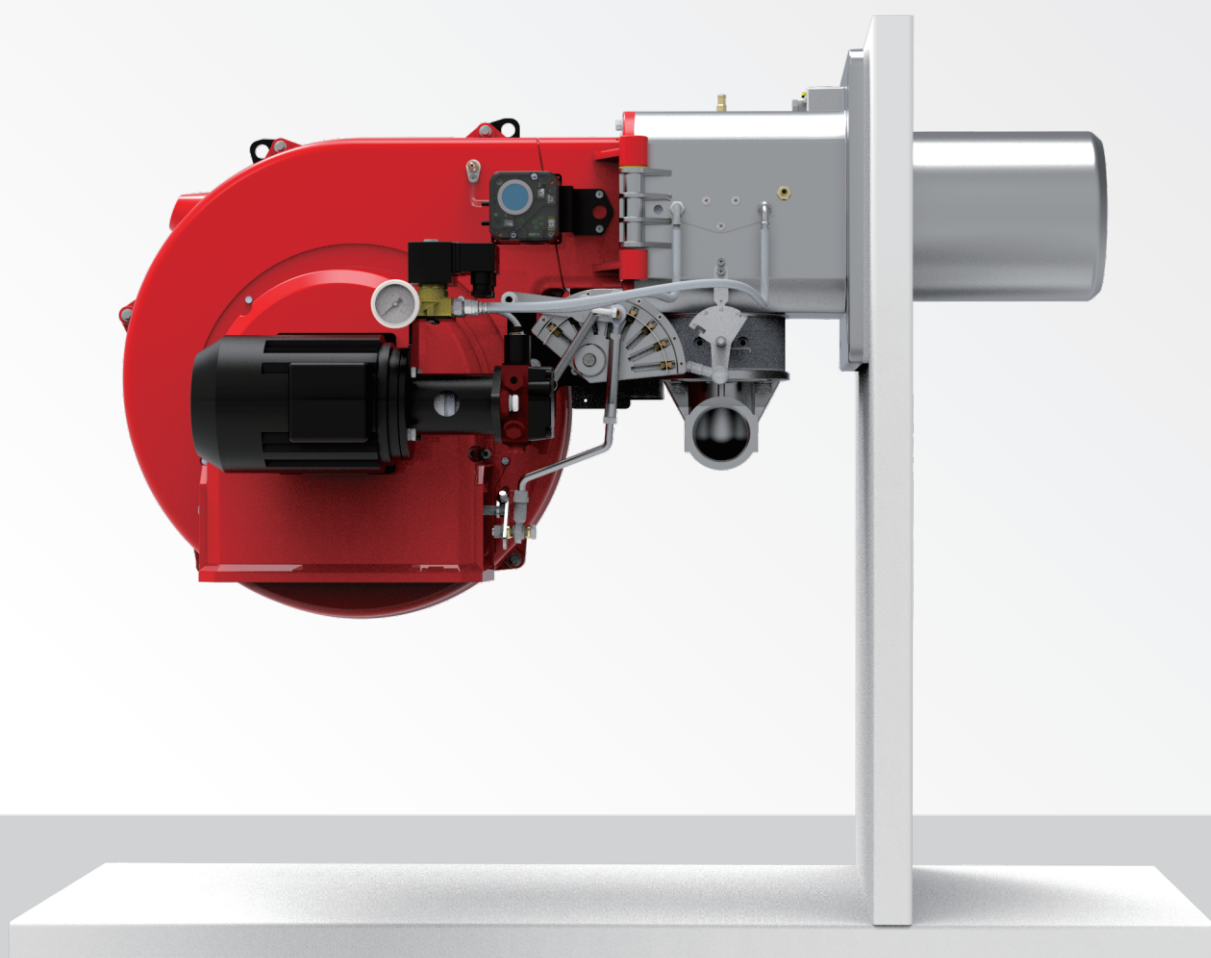
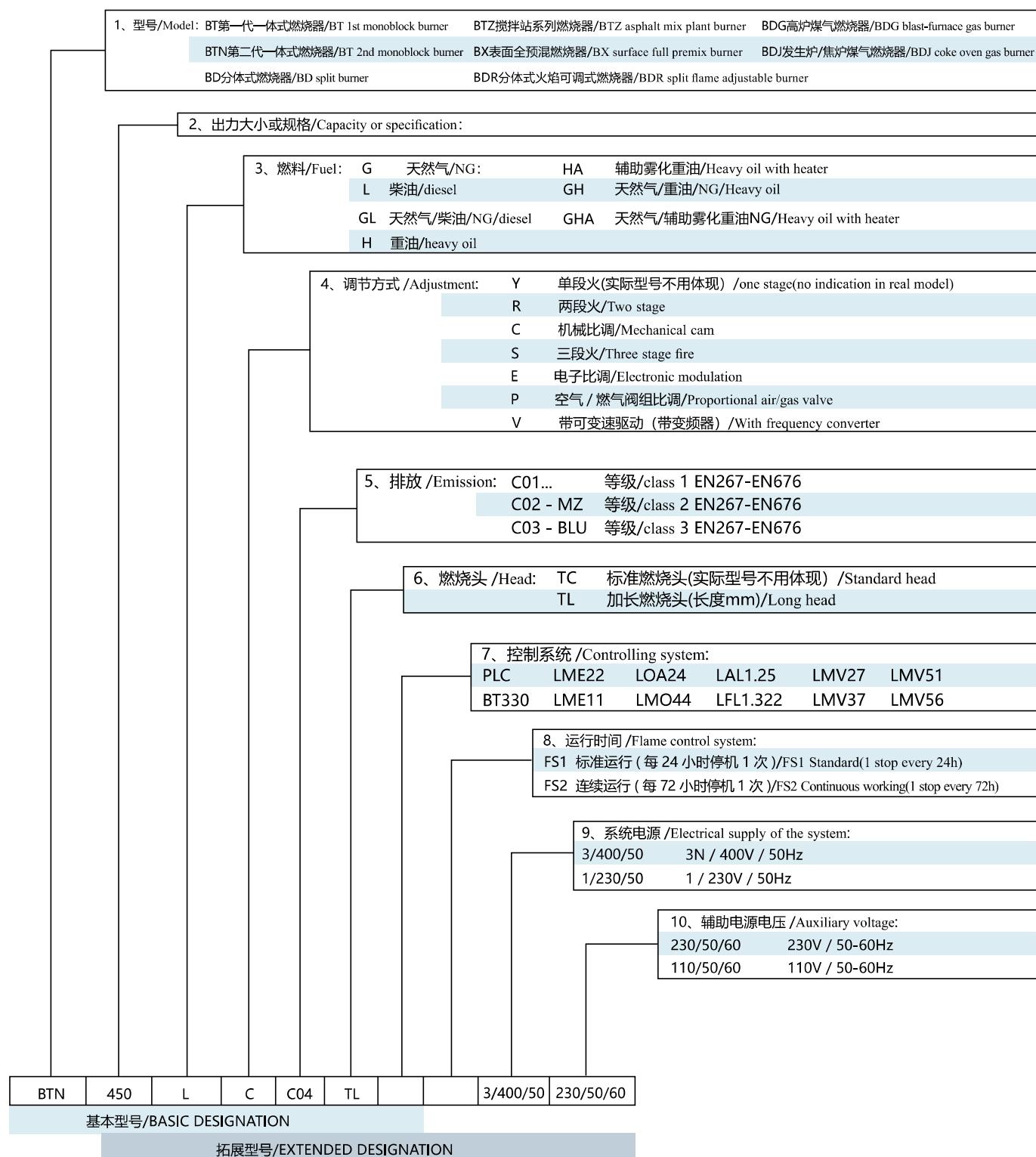




产品型号规格定义

Product Model Specification Definition



BTN350/450/550/650GLE BLU

电子比例调式轻油 / 燃气双燃料低氮燃烧器

技术性能及结构特征

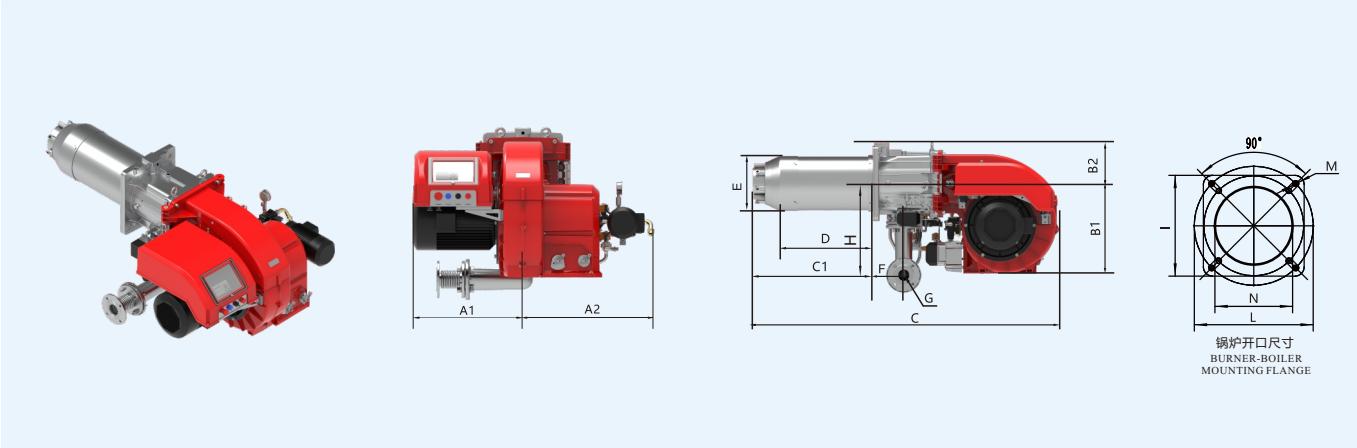
Technical performance and structural characteristics

1. 交替工作天然气/轻油双燃料低氮燃烧器。
 2. 电子式运行。
 3. 空气和燃气在燃烧头内混合，机械式压力雾化。
 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. 电子式用两个伺服电动机分别控制燃气、燃油和空气的比例调节。
 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. 燃烧器空气进口采用消音设计。
 10. 耐高温的不锈钢燃烧头火焰盘。
 11. 独立电机带动油泵。
 12. UV紫外线光电管检测火焰。
 13. 标准配置的电气防护等级IP40。
1. Alternate methane gas/light oil burner.
 2. Electronic working.
 3. Air-gas mixing at blast-pipe and high pressure mechanical atomisation of fuel using nozzle.
 4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.
 5. Maintenance facilitated by the fact that the mixing unit and the atomisation unit can be removed without having to remove the burner from the boiler.
 6. Electronic proportional Using three-phase servomotor respectively to control ratio adjustment among gas ,oil and air.
 7. Hinged connection, can be opened naturally, easy maintenance.
 8. Combustion air intake with air flow adjustment device.
 9. Burner air inlet with mute design.
 10. High temperature resistant stainless steel disc burner flame.
 11. Independent motor drives oil pump.
 12. UV ultraviolet phototube detects flame.
 13. Electrical plant protection rating 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)
600~3600	BTN350GLE BLU	203 23 176	380V 50Hz	7.5+1.5	/	/
640~4200	BTN450GLE BLU	203 23 177	380V 50Hz	9.2+1.5	/	/
600~5170	BTN550GLE BLU	203 23 178	380V 50Hz	12+1.5	/	/
1000~6155	BTN650GLE BLU	203 23 179	380V 50Hz	15+1.5	/	/

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
BTN350 GLE BLU	556	823	519	239	1775	700	534	312.5	178	DN65	528	400	452	4-M16	350
BTN450 GLE BLU	556	823	519	239	1775	700	534	312.5	178	DN65	528	400	452	4-M16	350
BTN550 GLE BLU	583	823	519	239	1775	700	534	312.5	178	DN65	528	400	452	4-M16	350
BTN650 GLE BLU	583	823	519	239	1775	700	534	336	178	DN65	528	400	452	4-M16	350

BTN350/450/550/650GLE BLU Electronic Modulation Light Oil& Gas Burner



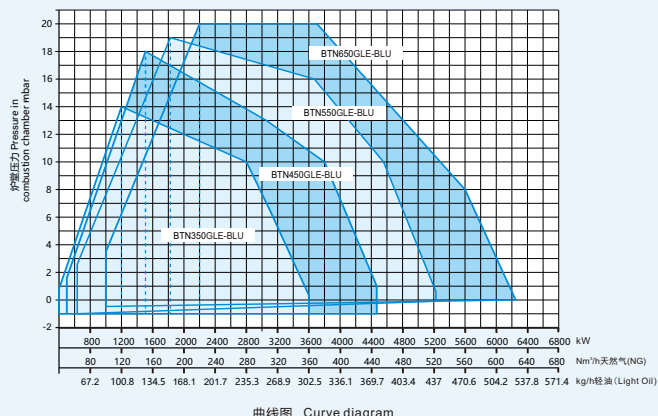
备选功能 Alternative function

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

备注 remark

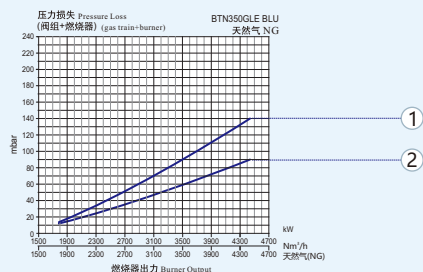
- * 配有空气关闭装置
* It is with air closure device.
- * 阀组进口允许的最大燃气压力。
* Maximum allowable gas pressure at valve group inlet.

曲线图 curve graph

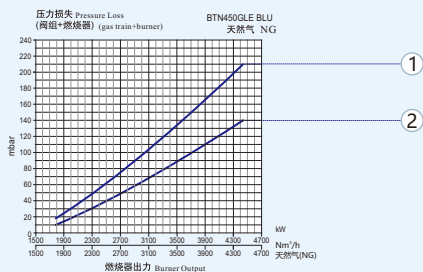


曲线图 Curve diagram

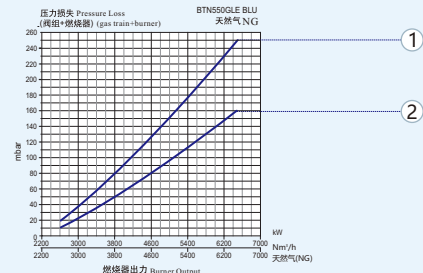
锅炉燃烧器功率(kW) Burner Output (kW)



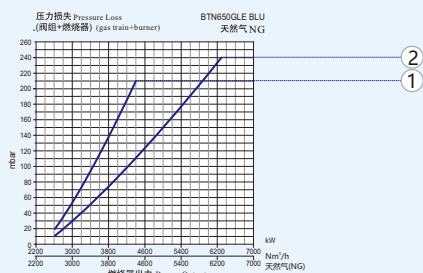
锅炉燃烧器功率(kW) Burner Output (kW)



锅炉燃烧器功率(kW) Burner Output (kW)



锅炉燃烧器功率(kW) Burner Output (kW)



BTN350GLE 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
① QF-DMV-D5065/11-DW-DN65	222 25 185	GW150A5	500	QF5
① QF-DMV-D5065/11-PLC-DN65	222 25 213	GW150A5	500	QF5
② QF-DMV-D5080/11-DW-DN65	222 25 191	GW150A5	500	QF5
② QF-DMV-D5080/11-PLC-DN65	222 25 219	GW150A5	500	QF5
① QF-VGD40.065-DW-DN65	222 25 264	GW150A5	700	QF6
① QF-VGD40.065-PLC-DN65	222 25 278	GW150A5	700	QF6
② QF-VGD40.080-DW-DN65	222 25 267	GW150A5	700	QF6

BTN450GLE 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
① QF-DMV-D5065/11-DW-DN65	222 25 185	GW150A5	500	QF5
① QF-DMV-D5065/11-PLC-DN65	222 25 213	GW150A5	500	QF5
② QF-DMV-D5080/11-DW-DN65	222 25 191	GW150A5	500	QF5
② QF-DMV-D5080/11-PLC-DN65	222 25 219	GW150A5	500	QF5
① QF-VGD40.065-DW-DN65	222 25 264	GW150A5	700	QF6
① QF-VGD40.065-PLC-DN65	222 25 278	GW150A5	700	QF6
② QF-VGD40.080-DW-DN65	222 25 267	GW150A5	700	QF6

BTN550GLE 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
① QF-DMV-D5065/11-DW-DN65	222 25 185	GW150A5	500	QF5
① QF-DMV-D5065/11-PLC-DN65	222 25 213	GW150A5	500	QF5
② QF-DMV-D5080/11-DW-DN65	222 25 191	GW150A5	500	QF5
② QF-DMV-D5080/11-PLC-DN65	222 25 219	GW150A5	500	QF5
① QF-VGD40.065-DW-DN65	222 25 264	GW150A5	700	QF6
① QF-VGD40.065-PLC-DN65	222 25 278	GW150A5	700	QF6
② QF-VGD40.080-DW-DN65	222 25 267	GW150A5	700	QF6

BTN650GLE 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
① QF-DMV-D5065/11-DW-DN65	222 25 185	GW150A5	500	QF5
① QF-DMV-D5065/11-PLC-DN65	222 25 213	GW150A5	500	QF5
② QF-DMV-D5080/11-DW-DN65	222 25 191	GW150A5	500	QF5
② QF-DMV-D5080/11-PLC-DN65	222 25 219	GW150A5	500	QF5
① QF-VGD40.065-DW-DN65	222 25 264	GW150A5	700	QF6
① QF-VGD40.065-PLC-DN65	222 25 278	GW150A5	700	QF6
② QF-VGD40.080-DW-DN65	222 25 267	GW150A5	700	QF6



浙江百特燃烧器有限公司

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