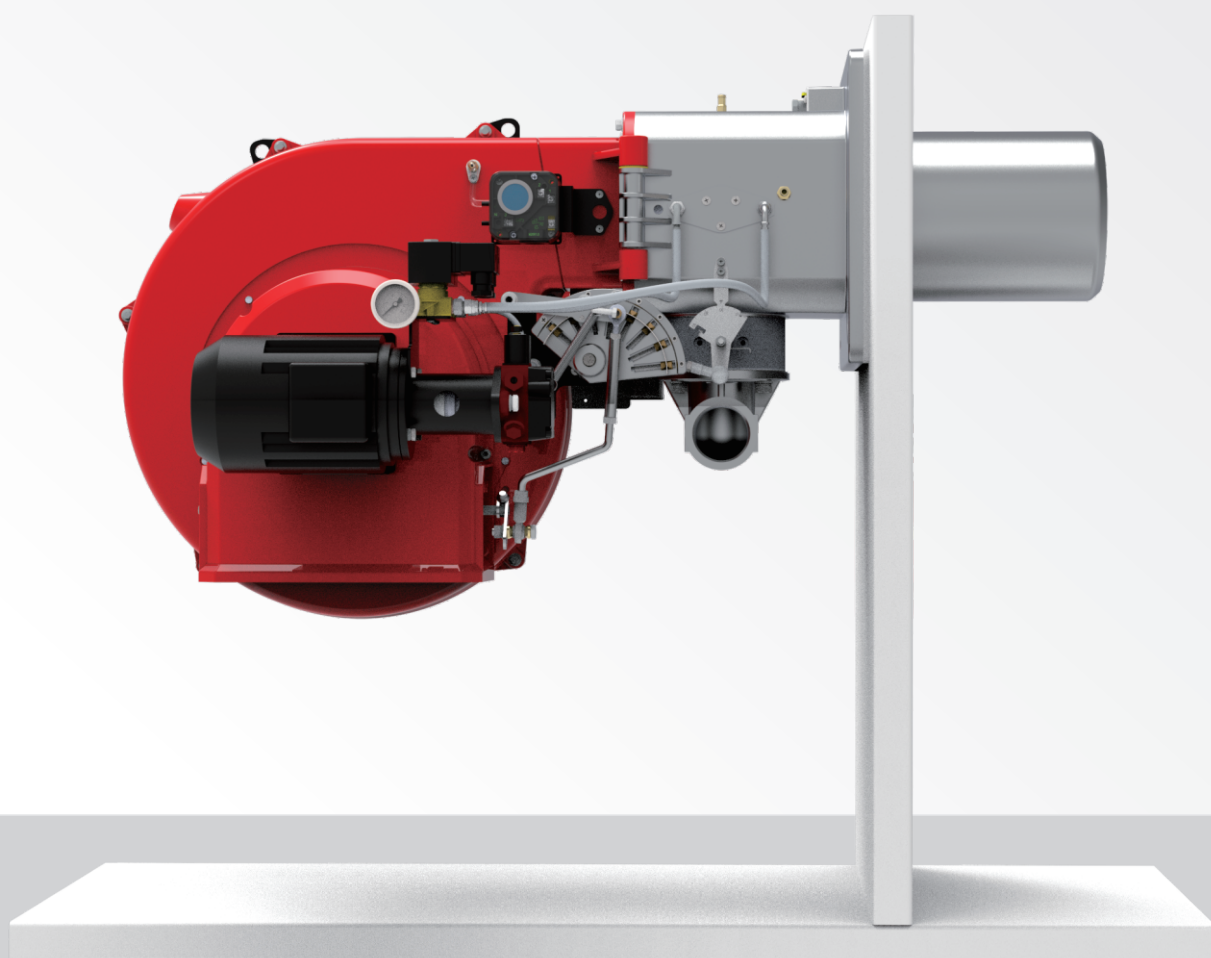




产品型号规格定义

Product Model Specification Definition



BTN350-450GHAC/GHAE 渐进式 / 比例调节 / 电子比调式重油 / 燃气双燃料燃烧器(空气雾化)

技术性能及结构特征

Technical performance and structural characteristics

1. 交替工作天然气/重油双燃料燃烧器。

2. 双段渐进式/比例式/电子式运行。

3. 空气和燃气在燃烧头内混合，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. 无须把燃烧器从锅炉上拆下，就可直接取下雾化装置，维修保养方便。

6. 渐进/比例式带有凸轮的伺服电机可以同时调节空气和燃料的供应；燃烧器暂停时，风门关闭以减少炉内热量损失。

7. 电子式用三个伺服电动机分别控制燃气、燃油和空气的比例调节。

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. 燃烧器空气进口采用消音设计。

11. 耐高温的不锈钢燃烧头火焰盘。

12. 独立的重油电加热器组和三相电机带动油泵。

13. UV紫外线光电管检测火焰。

14. 标准配置的电气防护等级IP40。
1. Alternate methane gas/heavy oil burner.

2. Two-stage sliding/modulating/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 atomisation unit can be removed without having to remove the burner from the boiler.

6. Sliding/Modulating Servo motor with a CAM can regulate air and fuel supply at the same time; Pauses burner, air door closed in order to reduce heat loss in the furnace.

7. Electronic proportional Using three-phase servo motor respectively to control ratio adjustment among gas ,oil 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. Burner air inlet with mute design.

11. High temperature resistant stainless steel disc burner flame.

12. Independent of the heavy oil electric heater set and three-phase motor to drive oil pump.

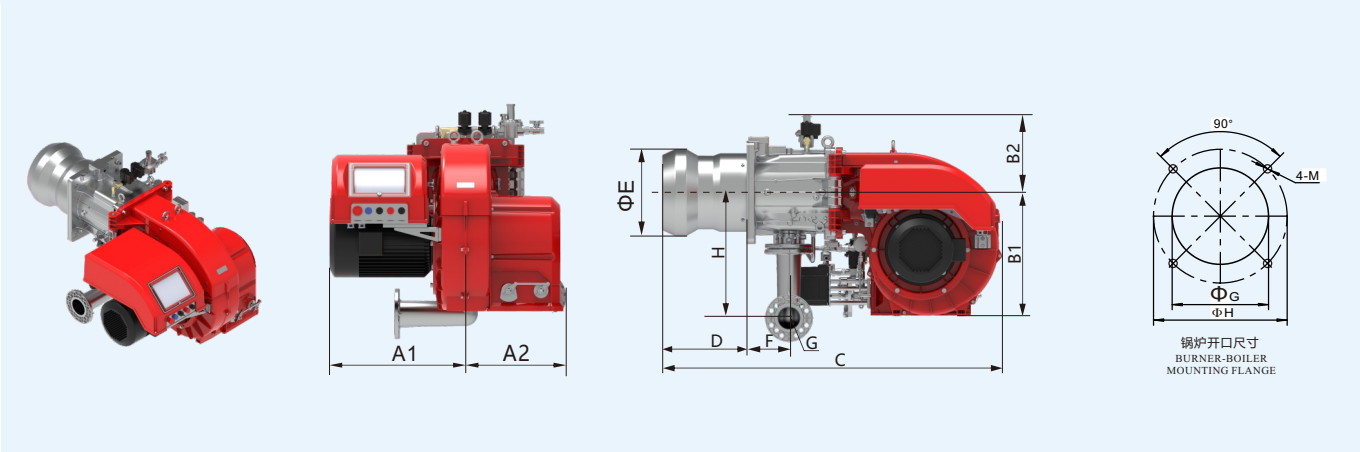
13. UV ultraviolet phototube detects flame.

14. 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	BTN350GHAC	202 24 083	380V 50Hz	7.5	/	/
	BTN350GHAE	202 24 087				
640~4200	BTN450GHAC	202 24 084	380V 50Hz	9.2	/	/
	BTN450GHAE	202 24 088				

外观尺寸图

Overall dimensions



型 号 model	A1	A2	B1	B2	C	D	E	F	G	H	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	mm	mm	mm	Φmm	M	Φmm
BTN350GHAC	555	400	519	355	1434	358	290	178	DN65	528	400	452	4-M16	350
BTN350GHAE	555	400	519	355	1434	358	290	178	DN65	528	400	452	4-M16	350
BTN450GHAC	555	400	519	355	1434	358	290	178	DN65	528	400	452	4-M16	350
BTN450GHAE	555	400	519	355	1434	358	290	178	DN65	528	400	452	4-M16	350

BTN350-450GHAC/GHAE Modulation/Electronic Modulation Heavy Oil & Gas Burner(Air Atomization)



备选功能 Alternative function

加长的燃烧筒，可定制60Hz。
Can lengthen the blast tube, Can books the 60Hz.

可选择采用蒸汽雾化/机械雾化。
Can choose to use steam atomization/Mechanical atomizing.

比例调节功能 Proportional control function

加长的燃烧筒，可定制60Hz。
Can lengthen the blast tube, Can books the 60Hz.

可选择采用蒸汽雾化/机械雾化。
Can choose to use steam atomization/Mechanical atomizing.

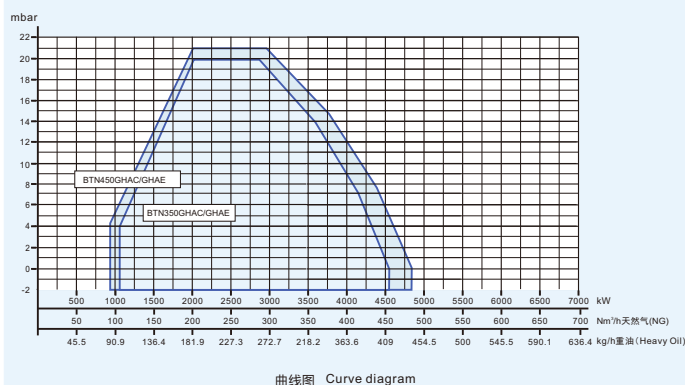
标准配件 standard fittings

阀组 - 过滤器 - 软管 - 喷嘴 - 电加热组 - 与锅炉配套的组件
Valve-Oil filter-Oil line-Nozzle-Electric heater set
-the partnership with the boiler

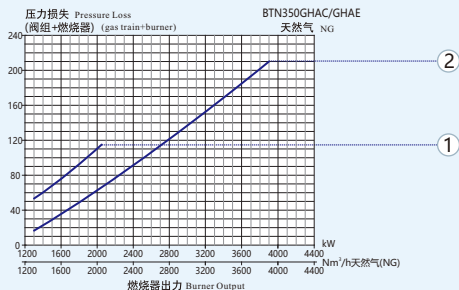
备注 standard fittings

- 1) 配有空气关闭装置。
1) It is with air closure device.
- **) 阀组进口允许的最大燃气压力。
**) Allowed Max. gas pressure in valve set input.

曲线图 curve graph



锅炉燃烧器功率(kW) Burner Output (kW)

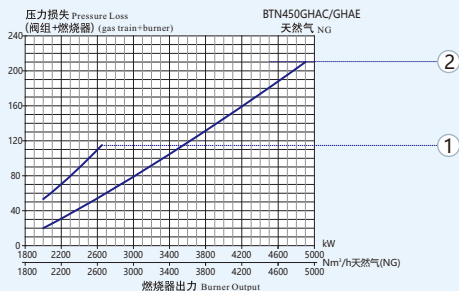


BTN350GHAC/GHAE

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-MVD220/5+MVDLE220/5-DN65	222 25 454	-	200	QF2
② QF-DMV-D5065/11-DN65	222 25 128	-	500	QF1
② QF-DMV-D5065/11-LDU-DN65	222 25 145	-	560	QF1
① QF-MB-DLE420 B01 S20-RC2*	222 25 233	-	700	QF4
② QF-VGD40.065-LDU-DN65	222 25 247	GW150A5	700	QF4

锅炉燃烧器功率(kW) Burner Output (kW)



BTN450GHAC/GHAE

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-MVD220/5+MVDLE220/5-DN65	222 25 454	-	200	QF2
② QF-DMV-D5065/11-DN65	222 25 128	-	500	QF1
② QF-DMV-D5065/11-LDU-DN65	222 25 145	-	560	QF1
① QF-MB-DLE420 B01 S20-RC2*	222 25 233	-	700	QF4
② QF-VGD40.065-LDU-DN65	222 25 247	GW150A5	700	QF4



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