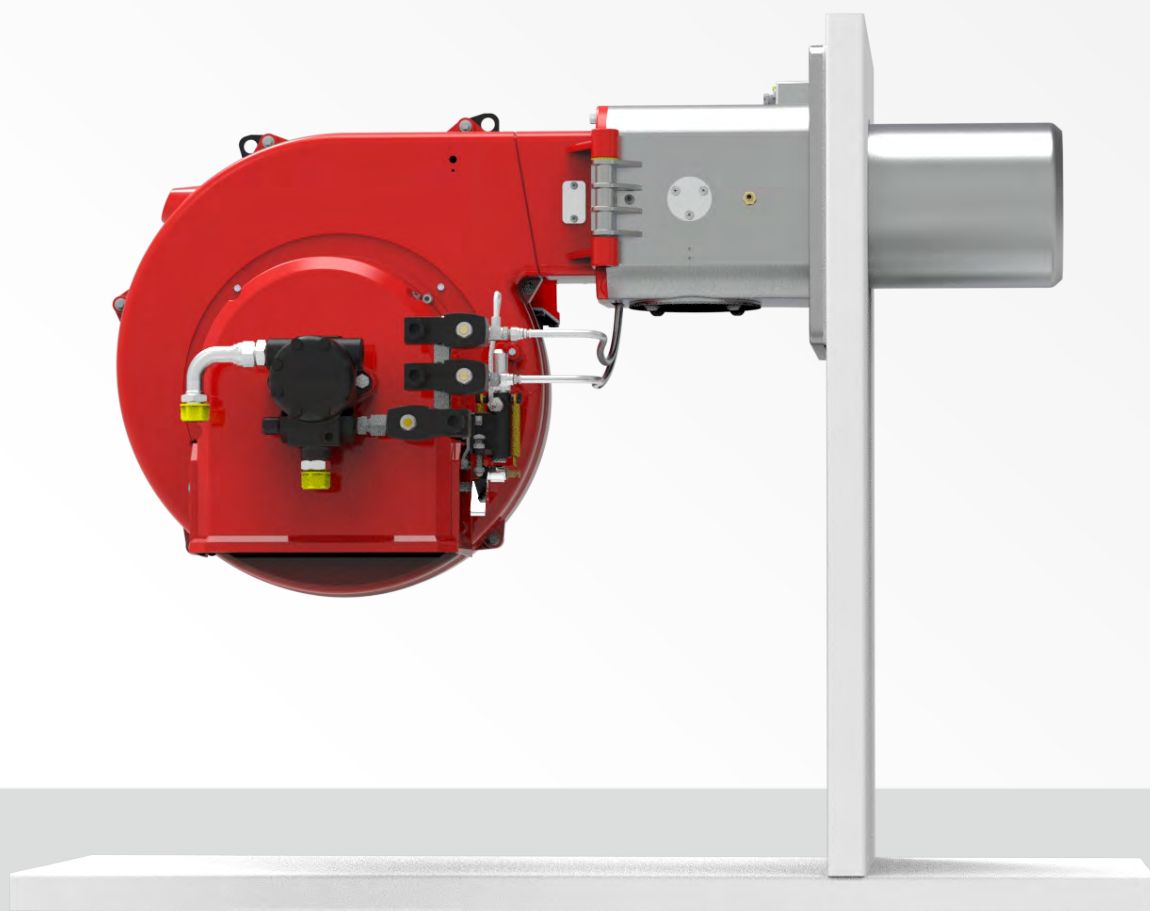


一体式燃油燃烧器选型手册
Monoblock Oil Burner Catalog



BTN3-1800
48-17500KW

 **BTN3-1800**
Oil



Brief Introduction

I 企业简介



浙江百特燃烧器有限公司于2001年成立是国内集设计、生产、销售于一体的专业化燃烧器制造商，是国内燃烧器同行业中品种多、规格全、技术力量雄厚的热能专业服务厂商。

至今百特燃烧器共生产了70余万台功率从30KW-70000KW范围的各种燃油、燃气、油/气双燃料、重废油燃烧器。所有产品按照国家标准GB/T36699-2018《工业燃油燃气燃烧器通用技术条件》，以及欧洲EN267和EN676标准组织设计、生产、质量控制，并严格按ISO9001:2015国际质量体系贯标运行，产品主要部件配置均采用德国、意大利等著名品牌，每一台出厂的燃烧器都按TSG Zb001-2008《燃油/气燃烧器安全技术规范》和TSG ZB002-2008《燃油/气燃烧器型式试验规则》标准要求100%进行检测，在燃烧性能、燃烧稳定性、安全性、尾气排放和无故障运行时间等项目指标均达到国际先进水平，先后通过了欧洲CE、BV、IAF、GAS、ETS及中国特种设备检测院CSEI的认证。产品行销世界60多个国家和地区，为世界各地的用户提供优秀的产品和卓越的服务。

百特燃烧器现已拥有16个专利证书，10多种国内外认证证书，20多个系列，上百种燃烧器产品，基本覆盖了传统能源（天然气、油、城市煤气、石油液化气），非传统能源（焦炉煤气、高炉煤气、发生炉煤气、煤层气、沼气等）的应用范围。产品被广泛用于锅炉、沥青搅拌站、油田、焚烧炉、热风炉、铸造机械、工业窑炉以及其它热能机械配套设备。我们正在成为中国燃烧及节能减排领域的专家，受到了业界和广大工业用户的一致推崇和信赖。

百特燃烧器作为一家以人为本，注重环保，具有高度社会责任感的公司，将一如既往地为您提供高品质的热能解决方案和最优质的服务。



Founded in 2001,BAITE BURNERS is a leading domestic provider of burners,forming an integrated whole industry chain of design,produce ,distribution and sales,and it boasts an extensive business network across over 70 countries and regions as well as more than 100 employees and an annual sales revenue of over USD7.5million.BAITE BURNERS has core business of burner design, produce,sales and after-sales service .Product range from oil burner ,gas burner, heavy oil heavy burner,dual fuel gas and oil burner and burner spare parts .more than 20 series burners,covering all traditional (natural gas ,oil ,city gas etc) and non traditional source(coke oven gas ,blast furnace gas etc).Have released new product: low NOx emission gas burner ,FGR burner and surface pre-mix gas burner .Burners use pillar spare parts ,like SUNTEC PUMP,DUNGS GAS VALVE and PRESSURE SWITCH,BRAHMA GAS VALVE , DANFOSS NOZZLE ,SIEMENS CONTROLLER etc.Taking the lead in applying I S O 9 0 0 1:2 0 0 8 quality management system.Many products are certified under international certificate,such as CE ,BV,IAF,GAS,ETS. We have already established great business relationship with renowned customers in South East Asia, Middle East, South America, Africa and European etc. We are fully aware of the fact that only "perfect quality and excellent service" can keep us survive and succeed in today's highly competitive market. Hence, we will be with overall technology support, good service to meet the requirements of world. Enquiries from both domestic and overseas customers are cordially welcomed.

Patent Certificate

专利证书



Extremely Low Nox Burner Test Report

baite

超低氮燃烧器测试报告

燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120180298

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 超低氮燃气燃烧器
燃烧器型号
Model of Burner: BTN85FGR
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0060-XR01]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

中国特种设备检测研究院
China Special Equipment Inspection and Research Institute
发证日期 / Issue Date: 2018年07月24日

变更日期 / Changed Date: 2018年07月24日

燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120190677

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 燃气燃烧器
燃烧器型号
Model of Burner: BTN-QEE-1(BTN210FGR)
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0321-XR01]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

中国特种设备检测研究院
China Special Equipment Inspection and Research Institute
发证日期 / Issue Date: 2018年07月26日

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燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120180299

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 超低氮燃气燃烧器
燃烧器型号
Model of Burner: BTN250FGR
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0060-XR04]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

中国特种设备检测研究院
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变更日期 / Changed Date: 2018年07月24日

燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120190678

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 燃气燃烧器
燃烧器型号
Model of Burner: BTN-QEE-3.2(BTN410FGR)
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0321-XR02]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

中国特种设备检测研究院
China Special Equipment Inspection and Research Institute
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燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120190679

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 燃气燃烧器
燃烧器型号
Model of Burner: BTN-QEE-4.0(BTN410FGR)
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0321-XR03]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

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China Special Equipment Inspection and Research Institute
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燃油（气）燃烧器型式试验证书
Type Testing Certificate for Oil/Gas Burner

证书编号/Certificate No.: TSN B1000120190017

制造单位
Manufacturer: 浙江百特燃烧器有限公司
单位地址
Manufacturer Address: 浙江省乐清市乐成工业园区百特路1号
燃烧器名称
Name of Burner: 燃气燃烧器
燃烧器型号
Model of Burner: BTN1000FGR
燃烧器类别
Classification of Burner: 燃气燃烧器
试验报告编号
Type Testing Report No.: [EX0448-XR01]

经试验, 确认符合《燃油（气）燃烧器安全技术规程》的规定, 主要配件及可覆盖型号见附件。/ Has been examined to be in accordance with the Safety Technical Regulation for Oil and Gas Burners. The list of main accessories and the exempt models are attached overlaid.

中国特种设备检测研究院
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变更日期 / Changed Date: 2019年10月19日

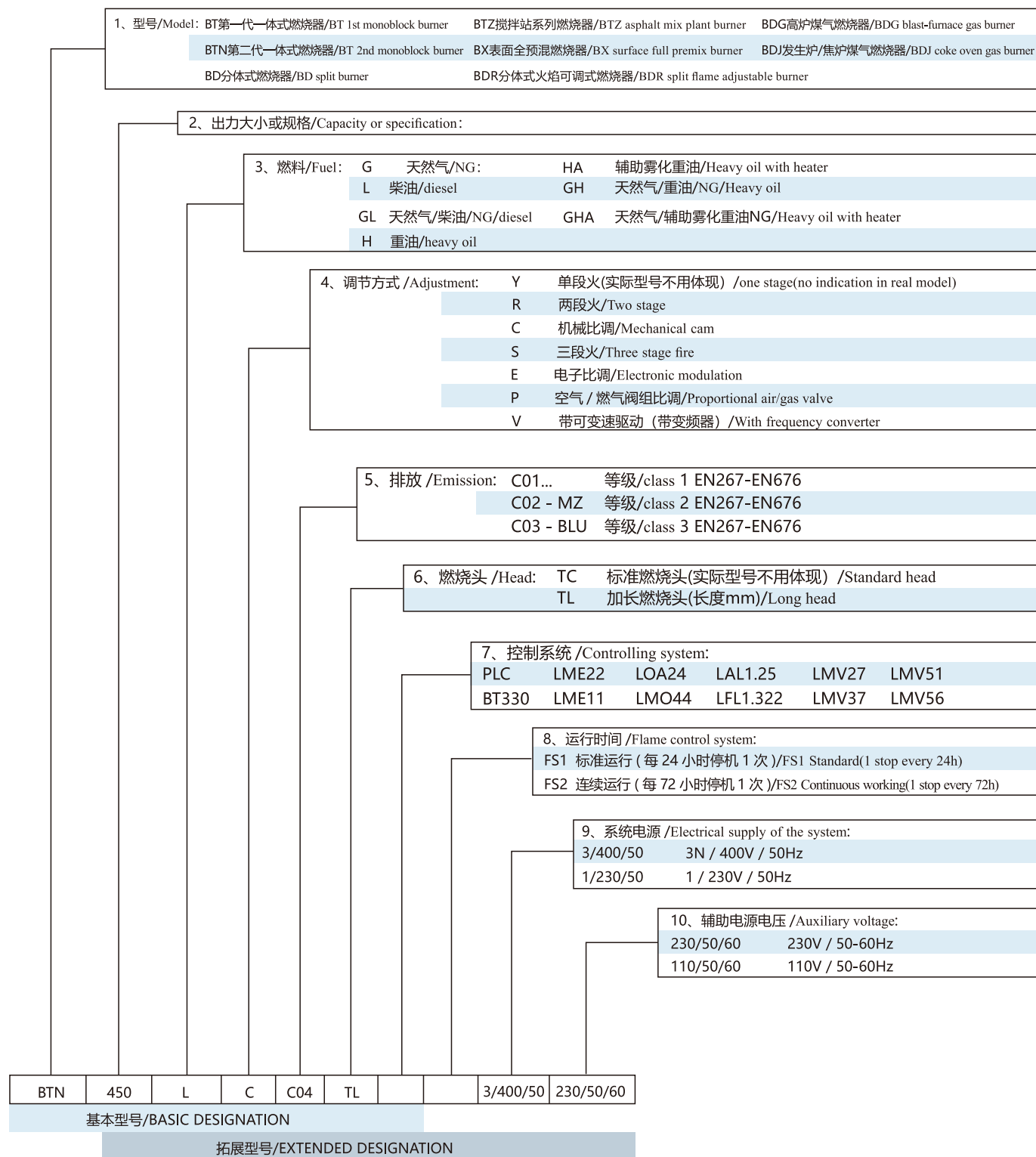
变更日期 / Changed Date: 2019年01月19日

变更日期 / Changed Date: 2019年01月19日

01	产品型号规格定义及介绍	01
	Product Model Specification Definition	
02	单/双段火燃烧器系列技术参数	04
	One/Two stage Light Oil Burner	
03	双段/渐进式/比例调节/电子比调轻油燃烧器系列技术参数	18
	Two stage/Sliding/Modulating/Electronic modulation Light Oil Burner	
04	电子式比例调节重油燃烧器系列技术参数	28
	Modulation/electronic Modulation Light Oil Burner	
05	重油燃烧器(空气雾化)系列技术参数	32
	Dual fuel heavy oil burner (Air atomization)	
06	其他	36
	Other	

产品型号规格定义

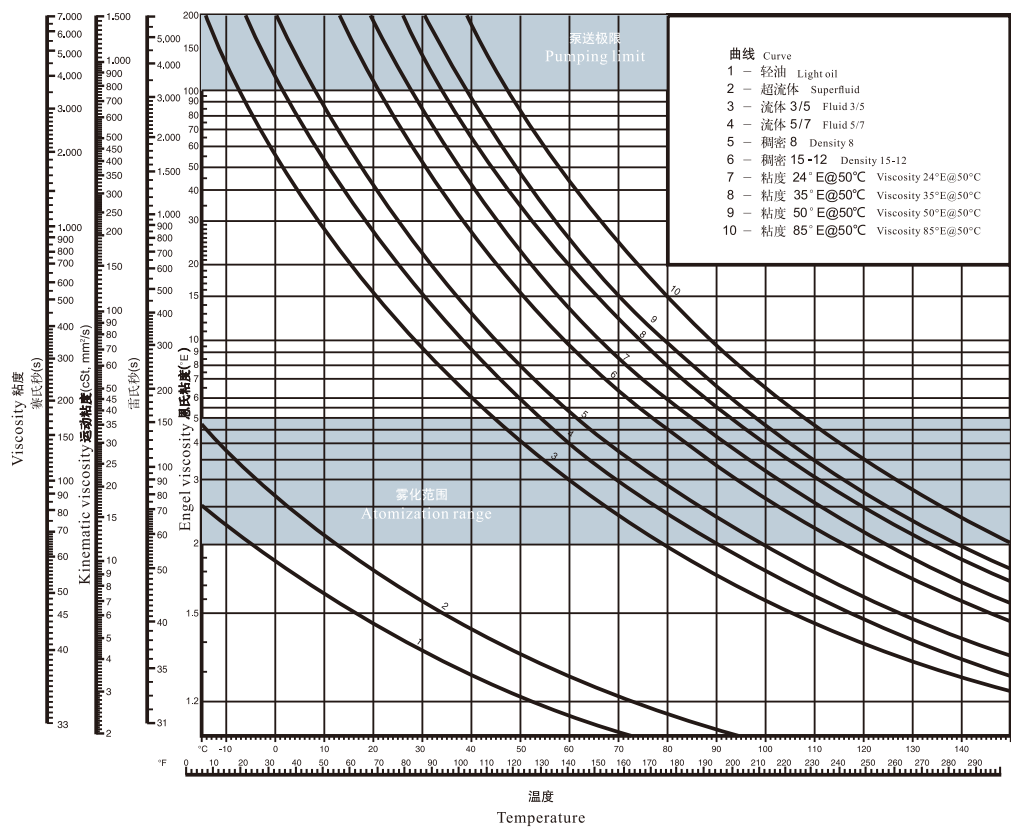
Product Model Specification Definition



重油粘度 - 温度曲线
Heavy oil viscosity—Temperature Curve

判断一个燃烧器是否适合燃用某种重油，要知道该重油的粘度曲线，或者至少知道某一个温度下的粘度，然后在下面的曲线图上依据其他曲线的变化趋势模拟出一条该重油的粘度曲线，找到判断点的参数来判断是否适用。

Decide that one burner could use some kind of heavy oil or not,it should know its viscosity curve or at least know the viscosity at some temperature .then simulate this heavy oll viscosity curve following below diagram .finally come out its application



轻油喷嘴质量流率表

Light oil nozzle mass flow meter

喷嘴		喷嘴工作压力																				Nozzle working pressure (bar)		Nozzle 喷嘴
G.P.H.	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	G.P.H.		
0.40	1.18	1.27	1.36	1.44	1.52	1.59	1.67	1.73	1.80	1.86	1.92	1.98	2.04	2.10	2.15	2.20	2.25	2.31	2.36	2.40	2.45	0.40		
0.50	1.47	1.59	1.70	1.80	1.90	1.99	2.08	2.17	2.25	2.33	2.40	2.48	2.55	2.62	2.69	2.75	2.82	2.88	2.94	3.00	3.05	0.50		
0.60	1.77	1.91	2.04	2.16	2.28	2.39	2.50	2.60	2.70	2.79	2.88	2.97	3.06	3.14	3.22	3.30	3.38	3.46	3.53	3.61	3.68	0.60		
0.65	1.91	2.07	2.21	2.34	2.47	2.59	2.71	2.82	2.92	3.03	3.12	3.22	3.31	3.41	3.49	3.58	3.66	3.75	3.83	3.91	3.98	0.65		
0.75	2.20	2.38	2.55	2.70	2.85	2.99	3.12	3.25	3.37	3.49	3.61	3.72	3.82	3.93	4.03	4.13	4.23	4.32	4.42	4.51	4.60	0.75		
0.85	2.50	2.70	2.89	3.06	3.23	3.39	3.54	3.68	3.82	3.96	4.09	4.21	4.33	4.45	4.57	4.68	4.79	4.90	5.00	5.11	5.21	0.85		
1.00	2.94	3.18	3.40	3.61	3.80	3.99	4.16	4.33	4.50	4.65	4.81	4.96	5.10	5.24	5.37	5.51	5.64	5.76	5.89	6.01	6.13	1.00		
1.10	3.24	3.50	3.74	3.97	4.18	4.38	4.58	4.77	4.95	5.12	5.29	5.45	5.61	5.76	5.91	6.06	6.20	6.34	6.48	6.61	6.74	1.10		
1.20	3.53	3.82	4.08	4.33	4.56	4.78	5.00	5.20	5.40	5.59	5.77	5.95	6.12	6.29	6.45	6.61	6.76	6.92	7.07	7.21	7.35	1.20		
1.25	3.68	3.97	4.25	4.50	4.75	5.00	5.20	5.40	5.60	5.80	6.00	6.20	6.35	6.55	6.70	6.85	7.05	7.20	7.35	7.50	7.65	1.25		
1.35	3.97	4.29	4.59	4.87	5.13	5.38	5.62	5.85	6.07	6.28	6.49	6.69	6.88	7.07	7.26	7.44	7.61	7.78	7.95	8.11	8.27	1.35		
1.50	4.42	4.77	5.10	5.41	5.70	5.90	6.24	6.50	6.75	6.98	7.21	7.43	7.65	7.86	8.06	8.26	8.46	8.65	8.83	9.01	9.19	1.50		
1.65	4.86	5.25	5.61	5.95	6.27	6.58	6.87	7.15	7.42	7.68	7.93	8.18	8.41	8.64	8.87	9.09	9.30	9.51	9.71	9.92	10.11	1.65		
1.75	5.15	5.56	5.95	6.31	6.65	6.98	7.29	7.58	7.87	8.15	8.41	8.67	8.92	9.17	9.41	9.64	9.86	10.09	10.30	10.52	10.72	1.75		
2.00	5.89	6.30	6.80	7.21	7.60	7.97	8.33	8.67	8.99	9.31	9.61	9.91	10.20	10.48	10.75	11.01	11.27	11.53	11.78	12.02	12.26	2.00		
2.25	6.62	7.15	7.65	8.15	8.55	8.97	9.37	9.75	10.12	10.47	10.85	11.15	11.47	11.79	12.09	12.39	12.68	12.97	13.25	13.52	13.79	2.25		
2.50	7.36	7.95	8.50	9.01	9.50	9.97	10.41	10.83	11.24	11.64	12.02	12.39	12.75	13.10	13.44	13.77	14.09	14.41	14.72	15.02	15.32	2.50		
3.00	8.83	9.54	10.20	10.82	11.40	11.96	12.49	13.00	13.49	13.96	14.42	14.87	15.30	15.72	16.12	16.52	16.91	17.29	17.66	18.03	18.35	3.00		
3.50	10.30	11.13	11.90	12.62	13.30	13.95	14.57	15.17	15.74	16.29	16.83	17.34	17.85	18.34	18.81	19.28	19.73	20.17	20.61	21.03	21.45	3.50		
4.00	11.77	12.72	13.60	14.42	15.20	15.94	16.65	17.33	17.99	18.62	19.23	19.82	20.40	20.95	21.50	22.03	22.55	23.06	23.55	24.04	24.51	4.00		
4.50	13.25	14.31	15.30	16.22	17.10	17.94	18.73	19.50	20.24	20.95	21.63	22.30	22.95	23.57	24.19	24.78	25.37	25.94	26.49	27.04	27.58	4.50		
5.00	14.72	15.90	17.00	18.03	19.00	19.93	20.82	21.67	22.48	23.27	24.04	24.78	25.49	26.19	26.87	27.54	28.19	28.82	29.44	30.05	30.64	5.00		
5.50	16.19	17.49	18.70	19.83	20.90	21.92	22.90	23.83	24.73	25.60	26.44	27.25	28.04	28.81	29.56	30.29	31.00	31.70	32.38	33.05	33.70	5.50		
6.00	17.66	19.00	20.40	21.63	22.80	23.92	24.98	26.00	26.98	27.93	28.84	29.73	30.59	31.43	32.25	33.04	33.82	34.58	35.33	36.05	36.77	6.00		
6.50	19.13	20.67	22.10	23.44	23.70	25.91	27.06	28.17	29.23	30.26	31.25	32.21	33.14	34.05	34.94	35.80	36.64	37.46	38.27	39.06	39.83	6.50		
7.00	20.60	22.26	23.79	25.24	26.60	27.90	29.14	30.33	31.48	32.58	33.65	34.69	35.69	36.67	37.62	38.55	39.46	40.35	41.21	42.06	42.90	7.00		
7.50	22.07	23.85	25.49	27.04	28.50	29.90	31.22	32.50	33.73	34.91	36.05	37.16	38.24	39.29	40.31	41.31	42.28	43.23	44.16	45.07	45.96	7.50		
8.30	24.43	26.39	28.21	29.93	31.54	33.08	34.55	35.97	37.32	38.63	39.90	41.13	42.32	43.48	44.61	45.71	46.79	47.84	48.87	49.88	50.86	8.30		
9.50	27.96	30.21	32.29	34.25	36.10	37.87	39.55	41.17	42.72	44.22	45.67	47.07	48.44	49.77	51.06	52.32	53.55	54.76	55.93	57.09	58.22	9.50		
10.50	30.90	33.39	35.69	37.86	40.06	41.73	43.74	45.41	47.20	48.90	50.50	52.00	53.50	55.00	56.40	57.80	59.20	60.50	61.80	63.10	64.30	10.50		
12.00	35.32	38.20	40.80	43.30	45.60	47.80	50.00	52.00	54.00	55.90	57.70	59.50	61.20	62.90	64.50	66.10	67.60	69.20	70.70	72.10	73.60	12.00		
13.80	40.62	43.90	46.90	49.80	52.40	55.00	57.50	59.80	62.10	64.20	66.30	68.40	70.40	72.30	74.30	76.00	77.80	79.50	81.30	82.90	84.60	13.80		
15.30	45.03	48.60	52.00	55.20	58.10	61.00	63.70	66.30	68.80	71.10	73.60	75.80	78.00	80.20	82.20	84.30	86.20	88.20	90.10	91.90	93.80	15.30		
17.50	50.51	55.60	59.50	63.10	66.50	69.80	72.90	75.80	78.70	81.50	84.10	86.70	89.20	91.70	94.10	96.40	98.60	100.90	103.00	105.20	107.20	17.50		
19.50	57.40	62.00	66.30	70.30	74.10	77.70	81.20	84.50	87.70	90.80	93.70	96.60	99.40	102.20	104.80	107.40	109.90	112.40	114.80	117.20	119.50	19.50		
21.50	63.20	68.40	73.10	77.50	81.70	85.70	89.50	93.20	96.70	100.10	103.40	106.50	109.60	112.60	115.60	118.40	121.20	123.90	126.60	129.20	131.80	21.50		
24.00	70.64	76.30	81.60	86.50	91.20	95.70	99.90	104.00	107.90	111.70	115.40	118.90	122.40	125.70	129.00	132.20	135.30	138.30	141.30	144.20	147.10	24.00		
28.00	82.41	89.00	95.20	101.00	106.40	111.60	116.60	121.30	125.90	130.30	134.60	138.70	142.80	146.70	150.50	154.20	157.80	161.40	164.90	168.30	171.60	28.00		
30.00	88.30	95.40	102.00	108.20	114.00	119.60	124.90	130.00	134.90	139.60	144.20	148.70	153.00	157.20	161.20	165.20	169.10	172.90	176.60	180.30	183.80	30.00		
G.P.H.	轻油喷嘴出口质量流率																				Light oil nozzle outlet mass flow rate		Kg/h	G.P.H.

例：

燃烧器：BT120LR，要求额定出力1000KW 计算轻油流量：84kg/h。一段火额定工作压力同为12bar。

一段火喷嘴：小火出力选择额定出力的2/3，即56kg/h，选13.8G.P.H，该喷嘴12bar下出力为57.5kg/h 大于燃烧器最小出力40kg，是合适的。

二段火喷嘴的流量应为 (84-57.5=) 26.5kg/h，选6.50G.P.H。 公式：油泵压力在12bar时喷嘴1G.P.H(加仑)≈3.8kg/h

校核：两段火时实际出力为(57.5+27.06=)84.56Kg/h，满足要求。

注：选择的喷嘴流量一定要在燃烧器的出力范围内，轻油和重油燃烧器或油气两用机同样。

For instance : BTN120LR burner ,its rate capacity is 1000KW .light oil flow :84kg/h.one stage fire rate working pressure is 12bar .1st fire nozzle :low fire output is 2/3 the rated .is 56kg/h,so choose 13.8gph nozzle which output is 57.5kg/h ,more than the burner smallest capacity 40kg .it concludes that this nozzle is suitable .

2nd fire nozzle flow is (84-57.5) 26.5kg ,choose 6.5gph. 1 ghp is 3.8kg/h when pump pressure at 12bar .the real output is (57.5+27.06)84.56kg/h at 2nd fire . Note : the choosen nozzle flow should be among the burner capacity range .same as light oil ,heavy oil or dual fuel burner

BT14L/LR/LW/LRW 单/双段火轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 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. 单段用手动调节空气流量

7. 双段火用液压调节器来进行第一、二段火空气流量调节。

8. 采用一个法兰和一个绝缘密封圈与锅炉链接固定。

9. 带流量调节装置的燃烧空气进口。

10.与各种锅炉法兰配对的滑动法兰，可以调整燃烧器伸入锅炉的位置。

11.带有钢制鼓风管和火焰盘的可调节燃烧头。

12.单相电机带动风机和油泵。

13.光敏电阻检测火焰。

14.标准配置的电气防护等级IP40。
1. Light oil burner.

2. Single/Two-stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. No need to remove the burner from the boiler, you can directly remove the atomization device, easy maintenance.

6. Single-stage manual air flow regulation It is adjusted air flow manually at 1st fire.

7. Two-stage fire hydraulic regulator for the first and second stage fire air flow regulation.

8. A flange and an insulating sealing ring are used to link and fix the boiler.

9. Combustion air inlet with flow regulating device.

10.Sliding flanges paired with various boiler flanges can adjust the position of the burner into the boiler.

11.Adjustable combustion head with steel blast tube and flame disc

12.Single-phase motor drives fan and oil pump.

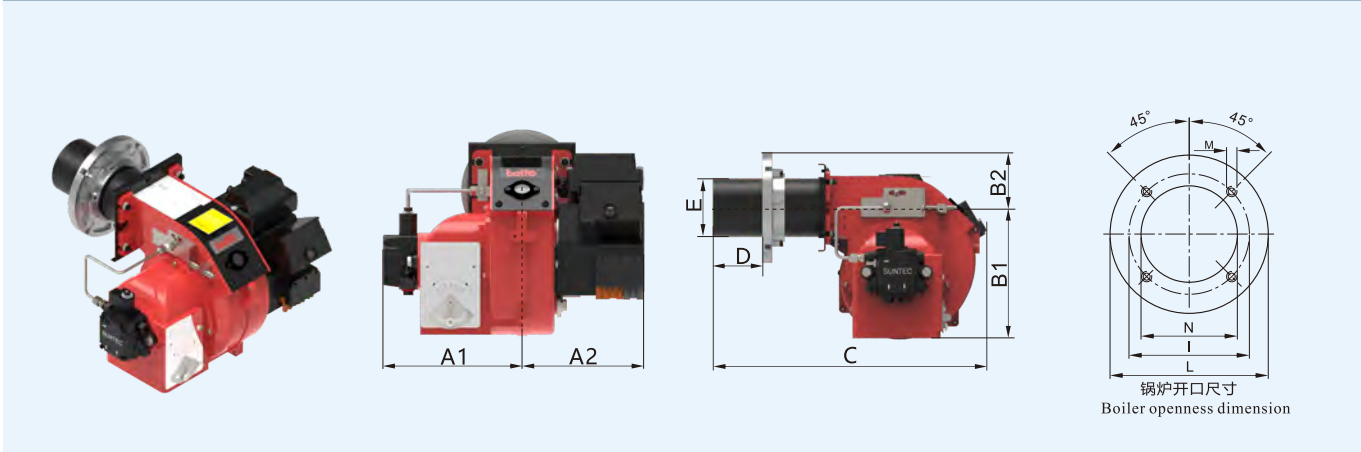
13.Photoresistor detects flame.

14.Electrical plant protection rating IP40.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
89~172	BT14L	201 20 106	230V 50Hz	0.15	480x430x355mm	14.5
	BT14LR	201 20 200				16.5
89~172	BT14LW	201 20 107	230V 50Hz	0.15	480x430x355mm	15
	BT14LRW	201 20 201				18.5

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	mm	Φmm	M
BT14L	195	171	203	85	424	80~110	95	100	130-155	170	4-M8
BT14LR	195	171	203	85	424	80~110	95	100	130-155	170	4-M8
BT14LW	200	195	203	85	424	80~110	95	100	130-155	170	4-M8
BT14LRW	200	195	203	85	424	80~110	95	100	130-155	170	4-M8

BT14L/LR/LW/LRW One/Two stage Light Oil Burner



备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

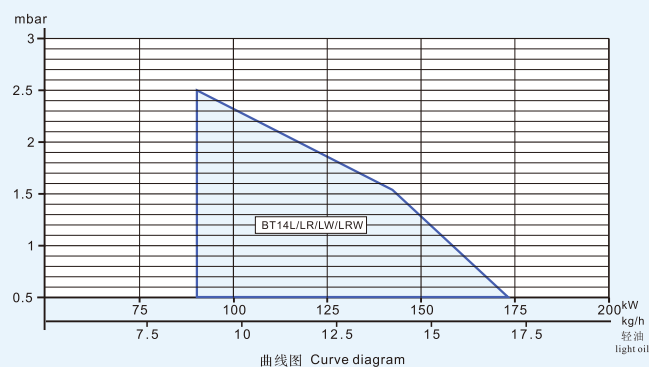
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BT18/26/35L/LR单/双段火轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 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. 单段用手动调节空气流量

7. 双段火用液压调节器来进行第一、二段火空气流量调节。

8. 采用一个法兰和一个绝缘密封圈与锅炉链接固定。

9. 带流量调节装置的燃烧空气进口。

10.与各种锅炉法兰配对的滑动法兰，可以调整燃烧器伸入锅炉的位置。

11.带有钢制鼓风机和火焰盘的可调节燃烧头。

12.单相电机带动风机和油泵。

13.光敏电阻检测火焰。

14.标准配置的电气防护等级IP40。
1. Light oil burner.

2. Single/Two-stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. No need to remove the burner from the boiler, you can directly remove the atomization device, easy maintenance.

6. Single-stage manual air flow regulation It is adjusted air flow manually at 1st fire.

7. Two-stage fire hydraulic regulator for the first and second stage fire air flow regulation.

8. A flange and an insulating sealing ring are used to link and fix the boiler.

9. Combustion air inlet with flow regulating device.

10.Sliding flanges paired with various boiler flanges can adjust the position of the burner into the boiler.

11.Adjustable combustion head with steel blast tube and flame disc

12.Single-phase motor drives fan and oil pump.

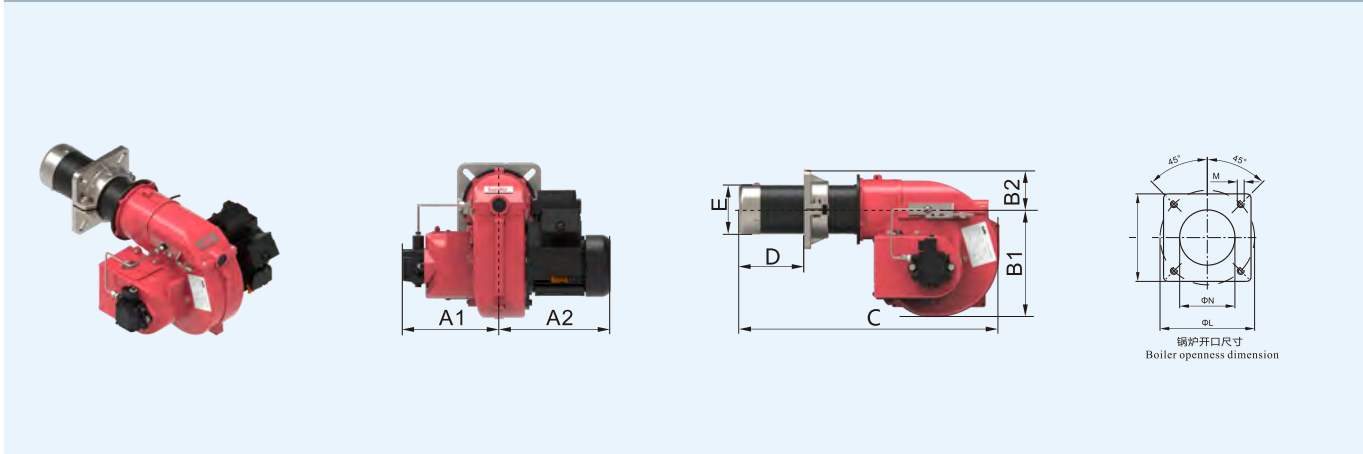
13.Photoresistor detects flame.

14.Electrical plant protection rating IP40.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
90~213	BT18L	201 20 108	230V 50Hz	0.37	665x515x390mm	21
154~308	BT26L	201 20 109	230V 50Hz	0.37	665x515x390mm	21
	BT26LR	201 20 202				22.5
178~391	BT35L	201 20 111	230V 50Hz	0.37	665x515x390mm	22.5
	BT35LR	201 20 204				23.5

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	Φmm	Φmm	M
BT18L	215	248	253	93	620	105~200	119	130	186	170-210	4-M10
BT26L	215	248	253	93	620	105~200	138	145	186	170-210	4-M10
BT26LR	215	248	253	93	620	105~200	138	145	186	170-210	4-M10
BT35L	215	248	253	108	620	105~200	155	165	216	200-245	4-M12
BT35LR	215	248	253	108	620	105~200	155	165	216	200-245	4-M12

BT18/26/35L/LR One/Two-stage Light Oil Burner



备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

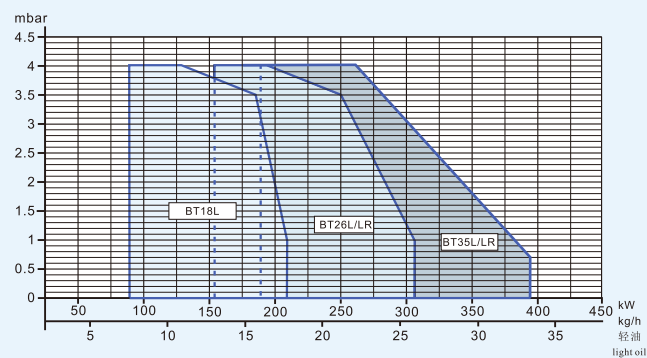
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BTN3L/LR单/双段火轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 机械式压力雾化。

4. 通过调节燃烧空气量，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. 单段火用手动调节空气流量。

7. 双段火用液压调节器来进行第一、二段火空气流量调节。

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. 耐高温的不锈钢燃烧头火焰盘。

11. 单相电机带动风机和油泵。

12. 光敏电阻检测火焰。

13. 标准配置的电气防护等级IP40。

14. 塑料保护外罩。
1. Light oil burner.

2. Single/Two stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinged connection,autonatie open control,maintenance is convenient.

6. Single-stage Manual flow adjustment.

7. Two-stage air flow regulation for first and second stage by means of hydraulic regulator.

8. It adapts one flange and heat-resistance insulatedpad to connect with boiler.

9. Combustion air intake with air flow adjustment device.

10. Adjustable blast-pipe with stainless steel nozzle anddeflector disk in steel.

11.Monophase electric motor to run fan and pump.

12.Flame presence check by photoresistance.

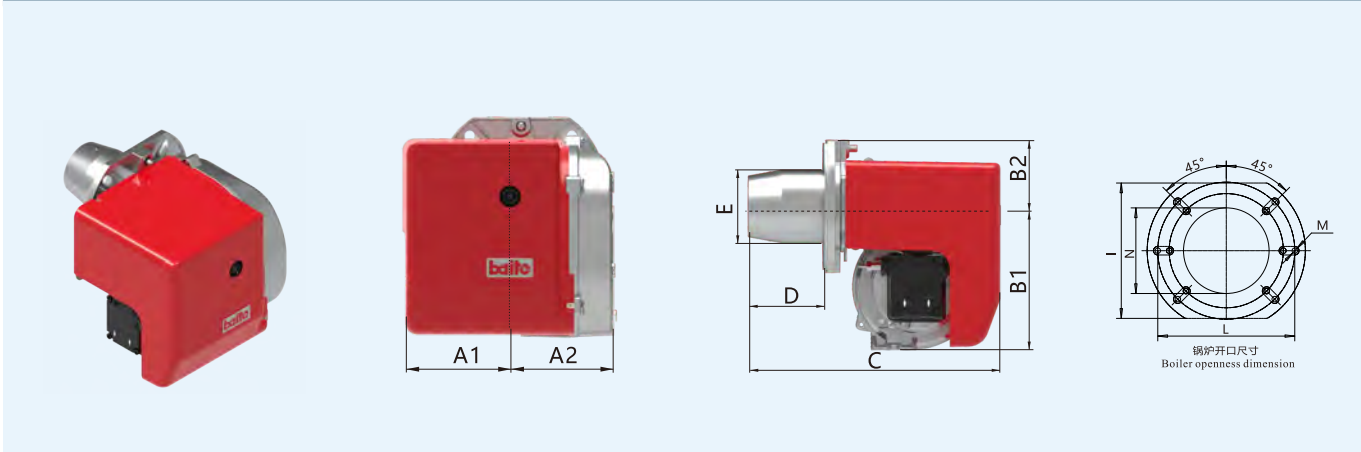
13.Electrical plant protection rating IP40.

14.Plastic protection cover.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
17.6~41.4	BTN3L	202 20 009	230V 50Hz	0.1	375x300x288	9
	BTN3LR	201 20 280				/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	mm	Φmm	M
BTN3L	124	100	157	73	276	82	80	90	145-176	150	4-M8
BTN3LR	143	120	157	73	276	82	80	90	145-176	150	4-M8

BTN3L/LR One/Two-stage Light Oil Burner



备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

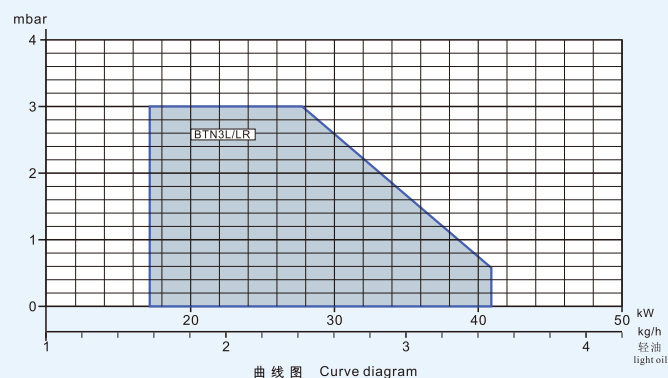
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN5/8/12L/LR单/双段火燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 机械式压力雾化。

4. 通过调节燃烧空气量，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. 单段火用手动调节空气流量。

7. 二段火用液压调节器来进行第一、二段火空气流量调节。

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. 耐高温的不锈钢燃烧头火焰盘。

11. 单相电机带动风机和油泵。

12. 光敏电阻检测火焰。

13. 标准配置的电气防护等级IP40。

14. 塑料保护外罩。
1. Light oil burner.

2. Single/Two stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinged connection,autonatie open control,maintenance is convenient.

6. Single-stage Manual flow adjustment.

7. Two-stage air flow regulation for first and second stage by means of hydraulic regulator.

8. It adapts one flange and heat-resistance insulatedpad to connect with boiler.

9. Combustion air intake with air flow adjustment device.

10. Adjustable blast-pipe with stainless steel nozzle anddeflector disk in steel.

11.Monophase electric motor to run fan and pump.

12.Flame presence check by photoresistance.

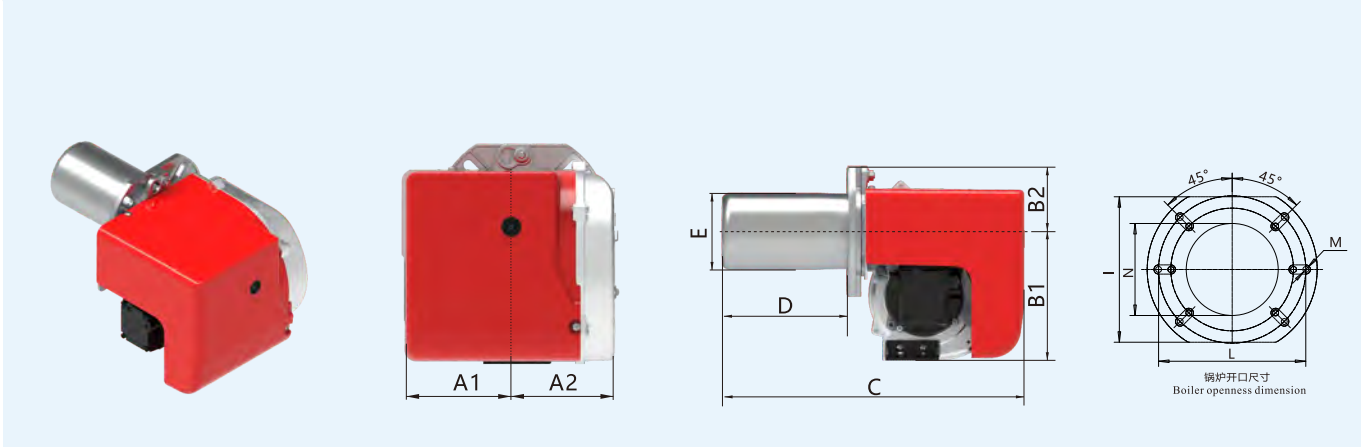
13.Electrical plant protection rating IP40.

14.Plastic protection cover.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
20~59	BTN5L	202 20 210	230V 50Hz	0.1	420x360x315	10
	BTN5LR	201 20 281				/
47~105	BTN8L	202 20 211	230V 50Hz	0.1	420x360x315	10
	BTN8LR	201 20 282				/
60~130	BTN12L	202 20 212	230V 50Hz	0.13	420x360x315	10.5
	BTN12LR	201 20 283				/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	mm	Φmm	M
BTN5L	135	110	164	83	385	157	95	105	166-194	140-168	4-M8
BTN5LR	143	130	164	83	385	157	95	105	166-194	140-168	4-M8
BTN8L	135	110	164	83	385	157	97	105	166-194	140-168	4-M8
BTN8LR	143	130	164	83	385	157	97	105	166-194	140-168	4-M8
BTN12L	135	110	164	83	385	157	97	105	166-194	140-168	4-M8
BTN12LR	143	130	164	83	385	157	97	105	166-194	140-168	4-M8

BTN5/8/12L/LR One/Two-stage Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

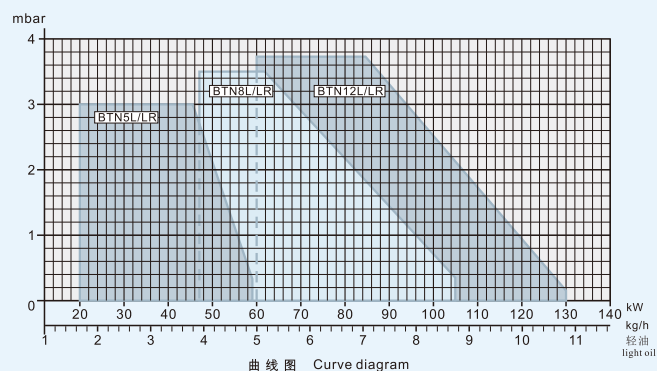
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN15/20/30L/LR单/双段火燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 机械式压力雾化。

4. 通过调节燃烧空气量，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. 单段火用手动调节空气流量。

7. 二段火用液压调节器来进行第一、二段火空气流量调节。

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. 耐高温的不锈钢燃烧头火焰盘。

11. 单相电机带动风机和油泵。

12. 光敏电阻检测火焰。

13. 标准配置的电气防护等级IP40。

14. 塑料保护外罩。
1. Light oil burner.

2. Single /Two stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinged connection,autonatie open control,maintenance is convenient.

6. Single-stage Manual flow adjustment.

7. Two-stage air flow regulation for first and second stage by means of hydraulic regulator.

8. It adapts one flange and heat-resistance insulatedpad to connect with boiler.

9. Combustion air intake with air flow adjustment device.

10. Adjustable blast-pipe with stainless steel nozzle anddeflector disk in steel.

11.Monophase electric motor to run fan and pump.

12.Flame presence check by photoresistance.

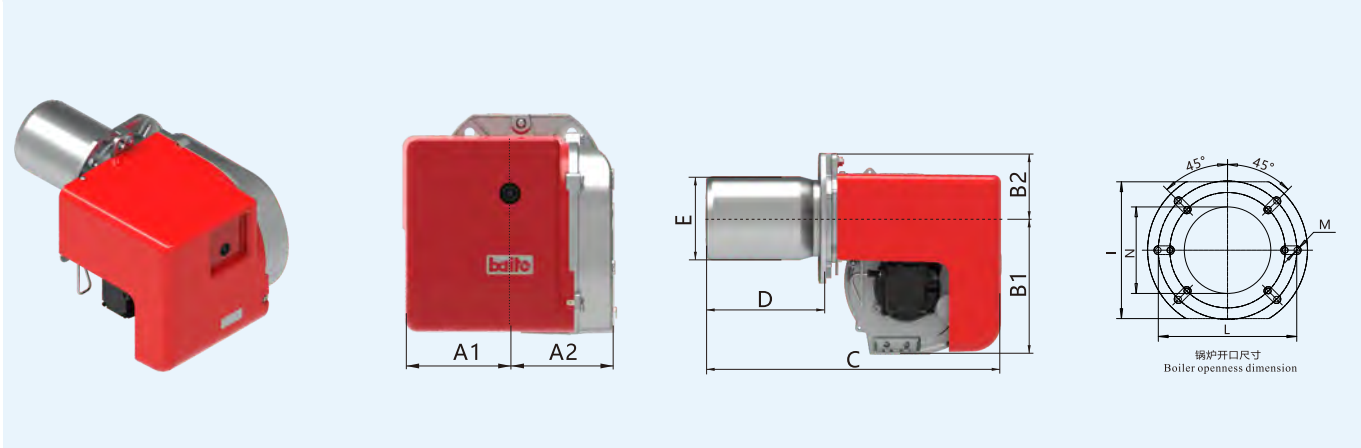
13.Electrical plant protection rating IP40.

14.Plastic protection cover.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
83~166	BTN15L	202 22 013	230V 50Hz	0.2	525x365x380	13
	BTN15R	202 20 020				14
118.6~216	BTN20L	202 22 014	230V 50Hz	0.2	525x365x380	13
	BTN20LR	202 20 021				14
190~310	BTN30L	202 22 015	230V 50Hz	0.25	525x365x380	14
	BTN30LR	202 20 022				14.5

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	mm	Φmm	M
BTN15L	157	137	204	98	438	162	114	124	195-220	160-190	4-M8
BTN15LR	180	155	204	98	438	162	114	124	195-220	160-190	4-M8
BTN20L	157	137	204	98	445	169	125	135	195-220	160-190	4-M8
BTN20LR	180	155	204	98	445	169	125	135	195-220	160-190	4-M8
BTN30L	157	137	204	98	445	169	125	135	195-220	160-190	4-M8
BTN30LR	180	155	204	98	445	169	125	135	195-220	160-190	4-M8

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

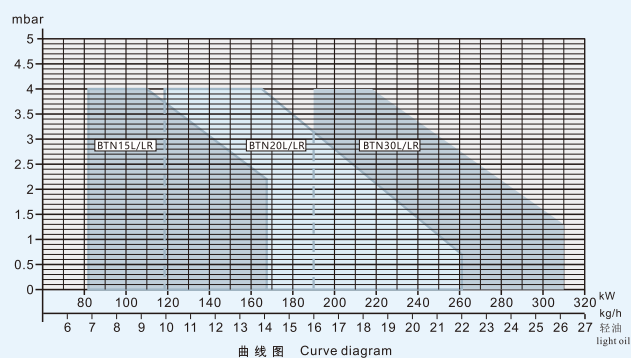
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN40/55L/LR单/ 双段火轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 单/双段运行（开/关）。

3. 机械式压力雾化。

4. 通过调节燃烧空气量，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. 单段火用手动调节空气流量。

7. 双段火用液压调节器来进行第一、二段火空气流量调节。

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.耐高温的不锈钢燃烧头火焰盘。

11.单相电机带动风机和油泵。

12.光敏电阻检测火焰。

13.标准配置的电气防护等级IP40。

14.塑料保护外罩。
1. Light oil burner.

2. Single /Two stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinged connection,autonatie open control,maintenance is convenient.

6. Single-stage Manual flow adjustment.

7. Two-stage air flow regulation for first and second stage by means of hydraulic regulator.

8. It adapts one flange and heat-resistance insulatedpad to connect with boiler.

9. Combustion air intake with air flow adjustment device.

10. Adjustable blast-pipe with stainless steel nozzle anddeflector disk in steel.

11.Monophase electric motor to run fan and pump.

12.Flame presence check by photoresistance.

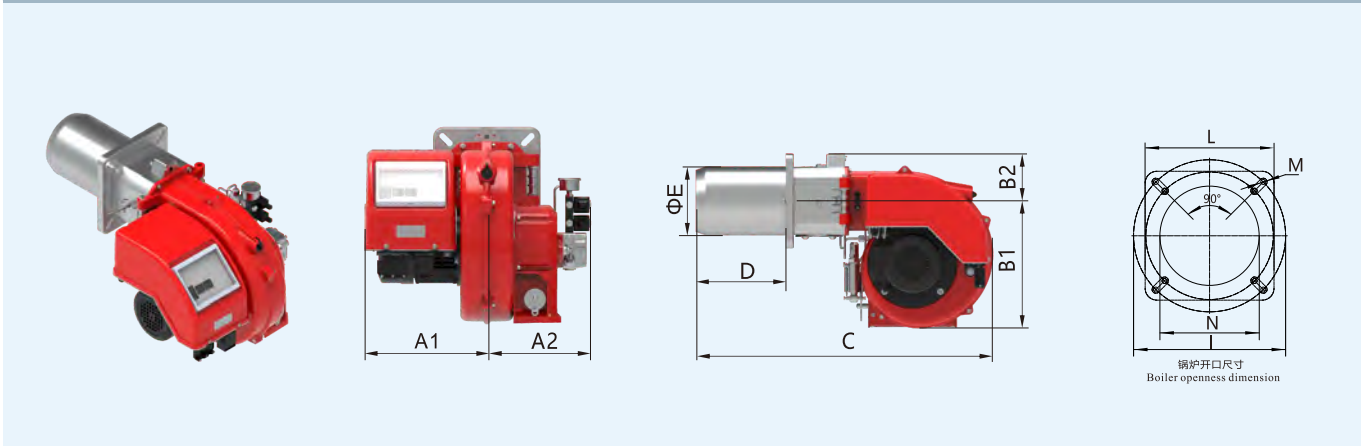
13.Electrical plant protection rating IP40.

14.Plastic protection cover.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
97~395	BTN40L BTN40LR	202 20 016 202 20 023	230V 50Hz	0.45	645x600x472	/ 28
155~485	BTN55L BTN55LR	202 20 017 202 20 024	230V 50Hz	0.45	645x600x472	/ 28

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	N	I	L	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	mm	Φmm	M
BTN40L	253	215	297	110	693	210	160	170	218-260	220	4-M10
BTN40LR	253	215	297	110	693	210	160	170	218-260	220	4-M10
BTN55L	253	215	297	110	693	210	160	170	218-260	220	4-M10
BTN55LR	253	215	297	110	693	210	160	170	218-260	220	4-M10

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

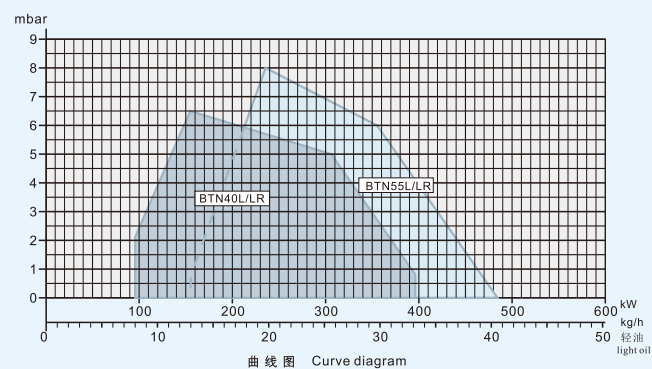
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN85/120/150LR双段火轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 二段运行（大/小火）。

3. 机械式压力雾化。

4. 通过调节燃烧空气量，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. 用液压调节器来进行第一、二段空气流量调节。

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. 三相电机带动风机和油泵。

12. 光敏电阻检测火焰。

13. 标准配置的电气防护等级IP40。
1. Light oil burner.

2. Single /Two stage operation (on/off).

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinged connection,autonatie open control,maintenance is convenient.

6. Use hydraulic regulator to adjust the first and second stage air flow.

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

8. Combustion air inlet with flow regulating device.

9. The air inlet of the burner is designed with noise reduction.

10. High temperature resistant stainless steel burner flame tray.

11. Three-phase motor drives fan and oil pump.

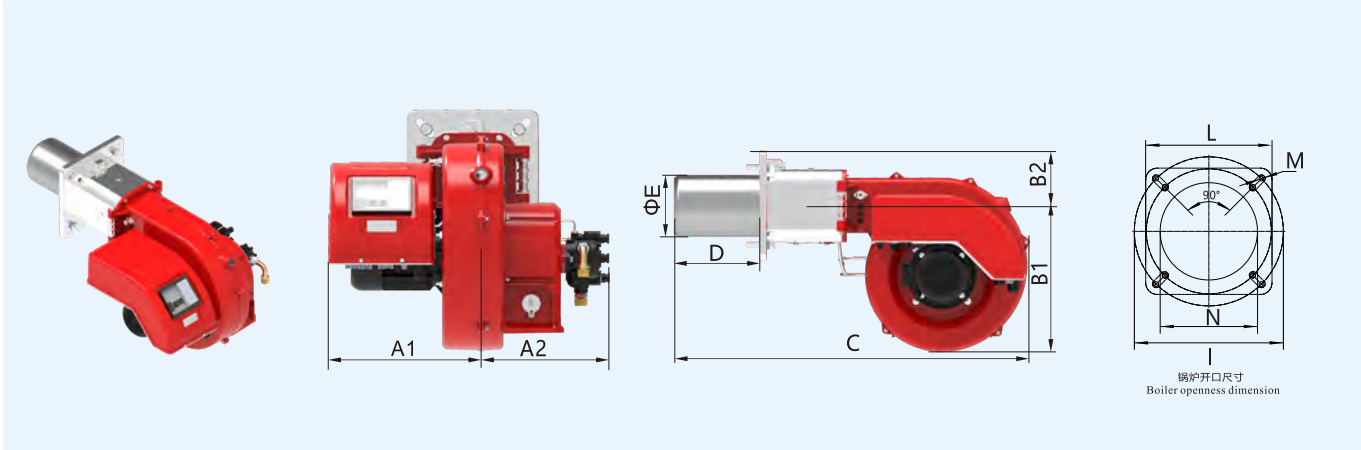
12. Photoresistor detects flame.

13. Electrical plant protection rating IP40.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
255~830	BTN85LR	202 20 025	380V 50Hz	1.1	1010x905x760	70
356~1186	BTN120LR	202 20 026	380V 50Hz	1.5	1010x905x760	76.5
486~1540	BTN150LR	202 20 027	380V 50Hz	2.2	1010x905x760	80

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN85LR	355	325	428	160	1042	250	180	290~370	320	4-M16	190
BTN120LR	355	335	428	160	1042	250	180	290~370	320	4-M16	190
BTN150LR	355	335	428	160	1072	280	190	290~370	320	4-M16	200

BTN85/120/150LR Two-stage Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

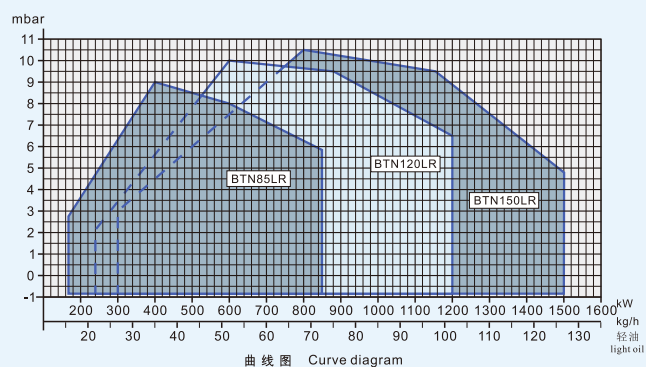
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN210/250LR/LC/LE双段/渐进式 / 比例调节/ 电子比调轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 双段/渐进式/比例式/电子式运行。

3. 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. 双段式用液压调节器来进行第一、二段空气流量调节。

7. 渐进式/比例式用伺服电机来进行第一、二段空气流量调节。

8. 电子比调式用两个伺服电机分别控制燃油和空气的比例调节。

9. 燃烧器暂停时，风门关闭以减少炉内热量损失。

10. 带有凸轮的伺服电机可以同时调节空气和燃料的供应。

11. 采用一个法兰和耐高温隔热垫与锅炉联接固定。

12. 耐高温的不锈钢燃烧头火焰盘。

13. 独立三相电机带动油泵。

14. 光敏电阻检测火焰。

15. 标准配置的电气防护等级IP40。
1. Light oil burner.

2. Two stage/sliding/modulation/electronic modulation operation.

3. Mechanical pressure atomization.

4. By adjusting the combustion air and combustion head, the best combustion parameters can be obtained.

5. Hinge joint ,open at both side ,easy for maintenance.

6. Two-stage hydraulic regulator is used for the first and second stage air flow regulation.

7. Progressive/proportional servo motor is used for the first and second stage air flow regulation.

8. The electronic ratio adjustment uses two servo motors to control the proportional adjustment of fuel and air respectively.

9. When the burner is suspended, the damper is closed to reduce the heat loss in the furnace.

10. Servo motor with CAM can adjust the supply of air and fuel at the same time.

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

12. High temperature resistant stainless steel burner diffuse.

13. Independent three-phase motor drives the oil pump.

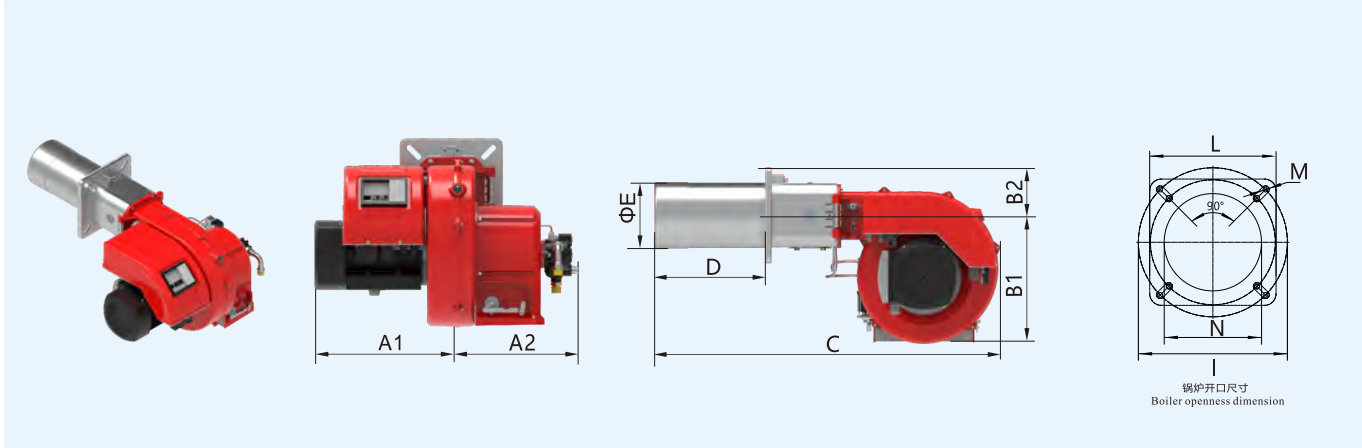
14. Photocell detects the flame.

15. Electrical plant protection rating IP40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
759~2443	BTN210LR	202 20 028	380V 50Hz	4.5	1010x905x760	97.5
	BTN210LC	202 20 050			1260x958x820	/
	BTN210LE	202 20 071			1260x958x820	/
600~2700	BTN250LR	202 20 029	380V 50Hz	7.5	1010x905x760	109.5
	BTN250LC	202 20 051			1260x958x820	155
	BTN250LE	202 20 080			1260x958x820	/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN210LR	390	400	428	160	1162	370	222	290~370	320	4-M16	232
BTN210LC	390	431	428	160	1162	370	222	290~370	320	4-M16	232
BTN210LE	390	431	428	160	1162	370	222	290~370	320	4-M16	232
BTN250LR	445	400	428	160	1162	370	222	290~370	320	4-M16	232
BTN250LC	445	431	428	160	1162	370	222	290~370	320	4-M16	232
BTN250LE	445	431	428	160	1162	370	222	290~370	320	4-M16	232

BTN210/250LR/LC/LE Two stage/Sliding/Modulating/ Electronic modulation Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

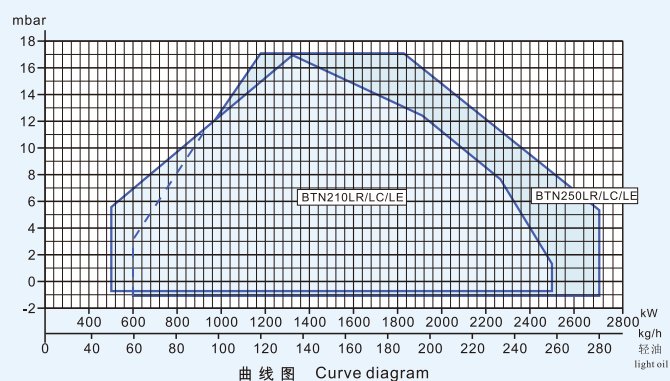
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



BTN350/450/550/650LC/LE 比例调节/电子比调轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 双段渐近式/比例式/电子式运行。

3. 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. 渐近式/比例式用伺服电动机来进行第一、二段空气流量调节。

7. 电子比调式用两个伺服电机分别控制燃油和空气的比例调节。

8. 燃烧器暂停时，风门关闭以减少炉内热量损失。

9.带有凸轮的伺服电机可以同时调节空气和燃料的供应。

10.采用一个法兰和耐高温隔热垫与锅炉联接固定。

11.耐高温的不锈钢燃烧头火焰盘。

12.独立三相电机带动油泵。

13.光敏电阻检测火焰。

14.标准配置的电气防护等级IP40。
1. Light oil burner.

2. Two stage progressive /modulation/electronic modulation operation.

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinge joint ,open at both side ,easy for maintenance.

6. Sliding/modulating 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. Electronic with two servo motor control the proportion of fuel and air regulation.

8. Pauses burner, air door closed in order to reduce heat loss in the furnace.

9.The servo motor which fixed with a cam can adjust the consumption for fuel and air.

10. It adapts one flange and heat-resistance insulated pad to connect with boiler.

11. High temperature resistant stainless steel burner diffuse.

12. Independent three-phase motor driven oil pump.

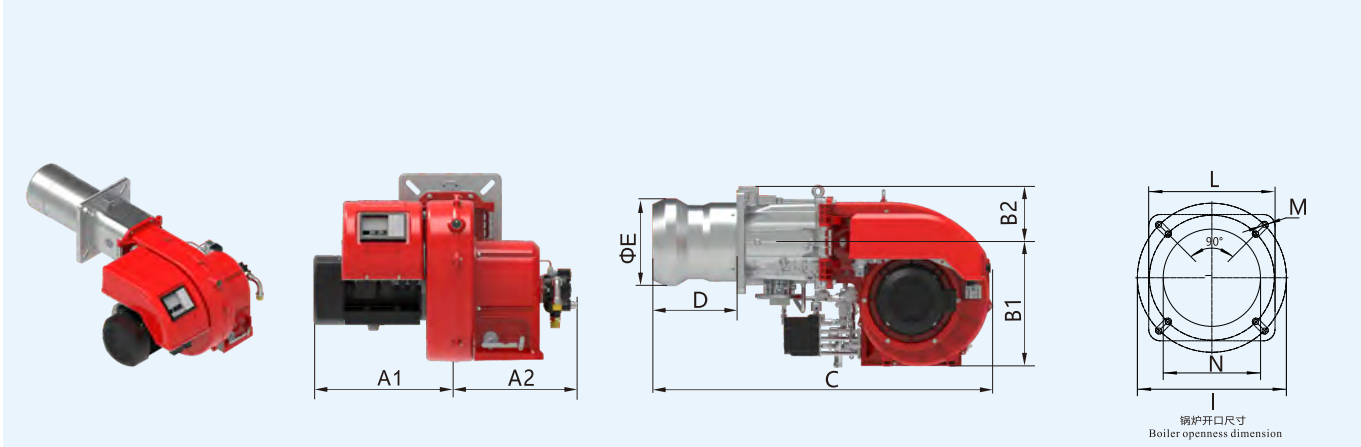
13. Photocell detects the flame.

14. Electrical plant protection rating IP40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
833~4165	BTN350LC	202 20 095	380V 50Hz	7.5	1550x1330x1059	/
	BTN350LE	202 20 072				/
952~4760	BTN450LC	202 20 097	380V 50Hz	9.2	1550x1330x1059	274.5
	BTN450LE	202 20 073				/
1071~5355	BTN550LC	202 20 098	380V 50Hz	12	1550x1330x1059	/
	BTN550LE	202 20 074				/
1130~6170	BTN650LC	202 20 096	380V 50Hz	15	1550x1330x1059	294.5
	BTN650LE	202 20 075				297

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN350LC/LE	555	661	518	239	1434	358	290	Φ400-Φ431	Φ452	4-M16	Φ350
BTN450LC/LE	555	661	518	239	1434	358	290	Φ400-Φ431	Φ452	4-M16	Φ350
BTN550LC/LE	555	661	518	239	1434	358	365	Φ400-Φ431	Φ452	4-M16	Φ375
BTN650LC/LE	555	661	518	239	1434	358	365	Φ400-Φ431	Φ452	4-M16	Φ375

BTN 350/450/550/650LC/LE Modulation/ Electronic Modulation Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

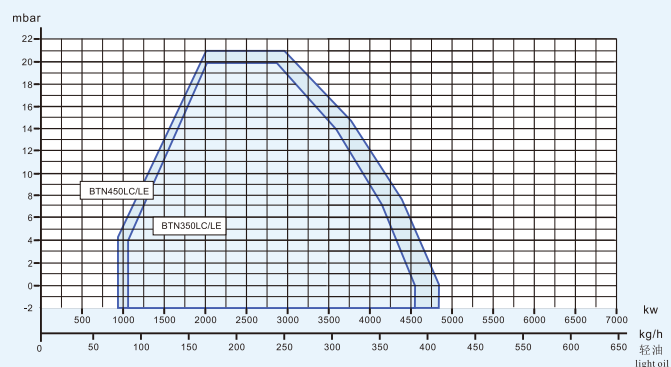
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

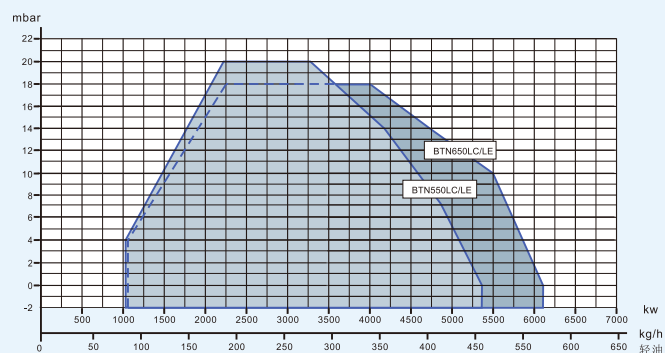
曲线图

curve graph



曲线图

curve graph



BTN800/1000LC/LE 比例调节/电子比调轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 双段渐近式/比例式/电子式运行。

3. 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. 渐近式/比例式用伺服电动机来进行第一、二段空气流量调节。

7. 电子比调式用两个伺服电机分别控制燃油和空气的比例调节。

8. 燃烧器暂停时，风门关闭以减少炉内热量损失。

9.带有凸轮的伺服电机可以同时调节空气和燃料的供应。

10.采用一个法兰和耐高温隔热垫与锅炉联接固定。

11.耐高温的不锈钢燃烧头火焰盘。

12.独立三相电机带动油泵。

13.光敏电阻检测火焰。

14.标准配置的电气防护等级IP40。
1. Light oil burner.

2. Two stage progressive /modulation/electronic modulation operation.

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinge joint ,open at both side ,easy for maintenance.

6. Sliding/modulating 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. Electronic with two servo motor control the proportion of fuel and air regulation.

8. Pauses burner, air door closed in order to reduce heat loss in the furnace.

9.The servo motor which fixed with a cam can adjust the consumption for fuel and air.

10. It adapts one flange and heat-resistance insulated pad to connect with boiler.

11. High temperature resistant stainless steel burner diffuse.

12. Independent three-phase motor driven oil pump.

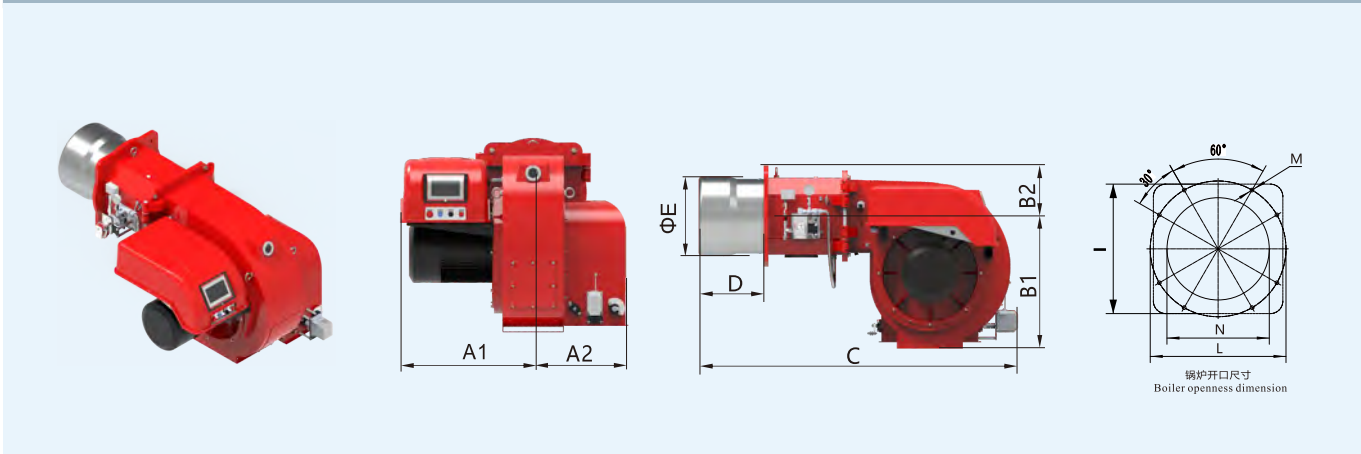
13. Photocell detects the flame.

14. Electrical plant protection rating IP40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
1905~8750	BTN800LC	202 20 054	380V 50Hz	18.5	/	/
	BTN800LE	202 20 076			/	/
1905~10900	BTN1000LC	202 20 055	380V 50Hz	22	/	/
	BTN1000LE	202 20 077			/	/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN800LC/LE	757	585	802	305	1950	397	480	608	560	4-M20	Φ490
BTN1000LC/LE	757	585	802	305	1950	397	480	608	560	4-M20	Φ490

BTN 800/1000LC/LE Modulation/electronic Modulation Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

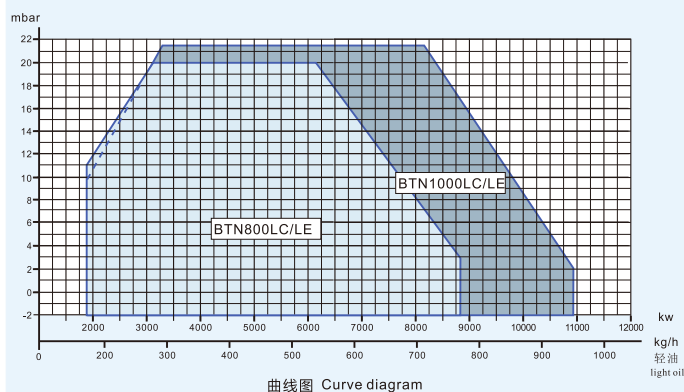
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BTN1200/1500/1800LC/LE比例调节/电子比调轻油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 轻油燃烧器。

2. 双段渐近式/比例式/电子式运行。

3. 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. 渐近式/比例式用伺服电动机来进行第一、二段空气流量调节。

7. 电子比调式用两个伺服电机分别控制燃油和空气的比例调节。

8. 燃烧器暂停时，风门关闭以减少炉内热量损失。

9.带有凸轮的伺服电机可以同时调节空气和燃料的供应。

10.采用一个法兰和耐高温隔热垫与锅炉联接固定。

11.耐高温的不锈钢燃烧头火焰盘。

12.独立三相电机带动油泵。

13.光敏电阻检测火焰。

14.标准配置的电气防护等级IP40。
1. Light oil burner.

2. Two stage progressive /modulation/electronic modulation operation.

3. High pressure mechanical atomisation of fuel using nozzle.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinge joint ,open at both side ,easy for maintenance.

6. Sliding/modulating 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. Electronic with two servo motor control the proportion of fuel and air regulation.

8. Pauses burner, air door closed in order to reduce heat loss in the furnace.

9.The servo motor which fixed with a cam can adjust the consumption for fuel and air.

10. It adapts one flange and heat-resistance insulated pad to connect with boiler.

11. High temperature resistant stainless steel burner diffuse.

12. Independent three-phase motor driven oil pump.

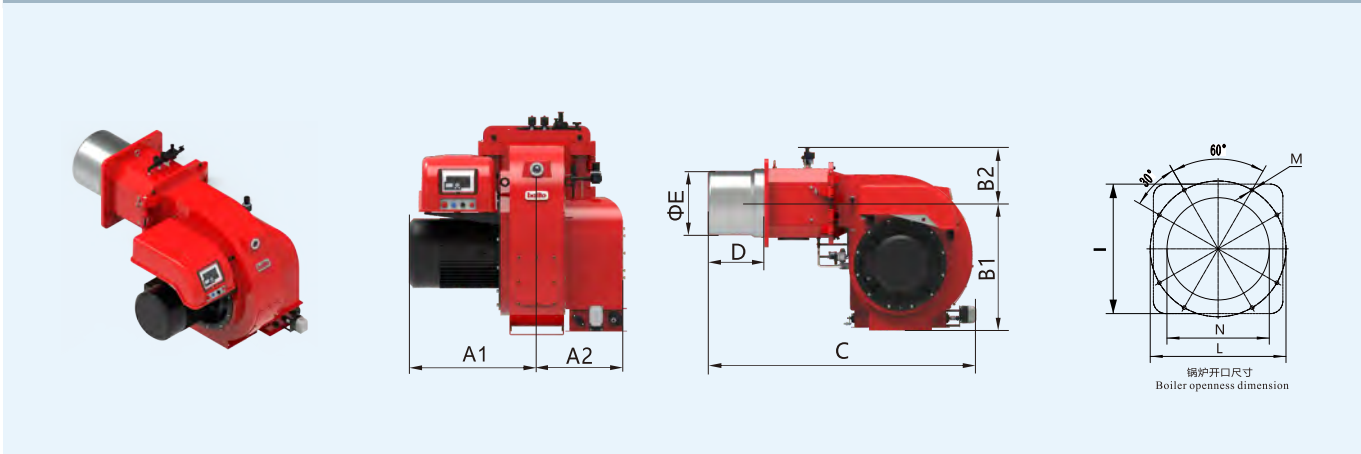
13. Photocell detects the flame.

14. Electrical plant protection rating IP40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
1715~12000	BTN1200LC	202 20 056	380V 50Hz	37	/	782
	BTN1200LE	202 20 078			/	
1715~14000	BTN1500LC	202 20 057	380V 50Hz	45	/	832
	BTN1500LE	202 20 079			/	
2500~17500	BTN1800LC	202 20 058	380V 50Hz	55	/	/
	BTN1800LE	202 20 070			/	

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN1200LC/LE	825	585	1012	350	2150	462	510	700	Φ735	8-M16	Φ580
BTN1500LC/LE	835	585	1012	350	2150	462	510	700	Φ735	8-M16	Φ580
BTN1800LC/LE	905	585	1012	350	2283	599	590	700	Φ735	8-M20	Φ620

BTN 1200/1500/1800LC/LE Modulation/electronic Modulation Light Oil Burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

比例调节功能

standard fittings

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 install the PID on the burner, it will be modulating type

标准配件

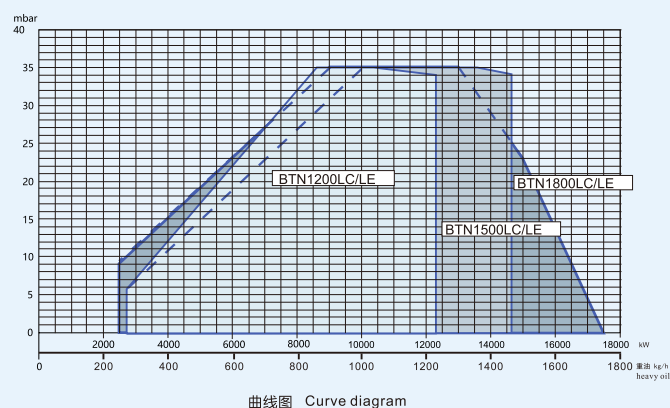
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BT10/20HAE

电子式比例调节调重油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 重油燃烧器。

2. 电子比例式运行。

3. 空气或蒸汽进行雾化。

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. 铰链连接,可左右自然打开。

6. 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。

7. 燃烧器暂停时，风门关闭以减少炉内热量损失。

8. 电子比例式用两个伺服电机分别控制燃油和空气的比例调节。

9. 带有调节阀和截止阀。

10. 带有温度计、进行最低温及温度调节的燃料电预热器。

11. 采用一个法兰和一个绝缘密封圈与锅炉联接固定。

12. 带流量调节装置的燃烧空气进口。

13. 带有钢质鼓风机和火焰盘的可调节燃烧头。

14. 三相电机带动风机。

15. 光敏电阻检测火焰。

16. 标准配置的电气防护等级IP40。
1. Heavy oil burner.

2. Electronic modulation operation.

3. Air or steam atomization.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinge joint,open at both side.

6. Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.

7. The burner is paused, close the throttle to reduce the loss of furnace heat.

8. The electronic modulation type uses two servo motors to control the proportional regulation of fuel and air respectively.

9. It is equipped with regulator and stop valve.

10. With the fuel pre-heater which installed with thermometer and adjustable temperature controller.

11. One flange and one insulating seal for boiler fastening.

12. Combustion air intake with air flow adjustment device.

13. Adjustable burner head with steel gaspipe abd diffuser.

14. Three-phase electric motor to run fan.

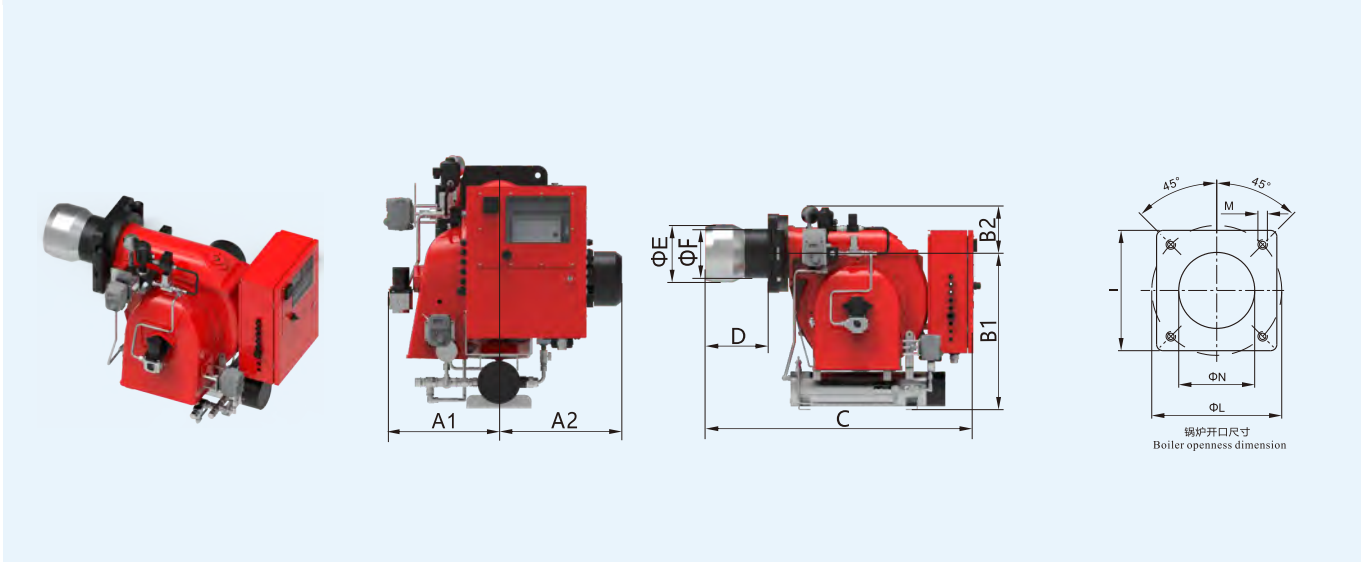
15. Photocell detects the flame.

16. Electrical plant protection rating IP40.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (kW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
558~1276	BT10HAE	201 21 208	380V 50Hz	1.5	986x756x947	132
	BT10HAE-A	202 21 218		1.5	986x756x787	121
670~2050	BT20HAE	201 21 207	380V 50Hz	3	1156x866x1017	162
	BT20HAE-A	201 21 217		3	1156x866x847	185

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	F	N	L	I	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	Φmm	Φmm	Φmm	M
BT10HAE	341	313.8	520.5	181.8	865	162	190	147	200	325	280	4-M12
BT10HAE-A	341	313.8	520.5	181.8	865	162	190	147	200	325	280	4-M12
BT20HAE	341	379	520.5	181.8	1058	238	220	188	230	339	300	4-M16
BT20HAE-A	341	379	520.5	181.8	1058	238	220	188	230	339	300	4-M16

BT10/20HAE

Electronic modulation heavy oil burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

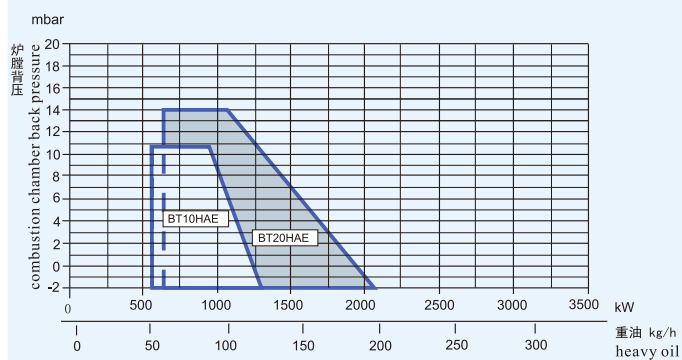
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BT30/40/60HAE

电子式比例调节重油燃烧器

技术性能及结构特征

Technical performance and structural characteristics

1. 重油燃烧器。

2. 电子比例式运行。

3. 空气或蒸汽进行雾化。

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. 铰链连接,可左右自然打开。

6. 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。

7. 燃烧器暂停时，风门关闭以减少炉内热量损失。

8. 电子比例式用两个伺服电机分别控制燃油和空气的比例调节。

9. 带有调节阀和截止阀。

10. 带有温度计、进行最低温及温度调节的燃料电预热器。

11. 采用一个法兰和一个绝缘密封圈与锅炉联接固定。

12. 带流量调节装置的燃烧空气进口。

13. 带有钢质鼓风机管和火焰盘的可调节燃烧头。

14. 三相电机带动风机。

15. 光敏电阻检测火焰。

16. 标准配置的电气防护等级IP40。
1. Heavy oil burner.

2. Electronic modulation operation.

3. Air or steam atomization.

4. Ability to obtain optimal combustion values by regulating combustion air and blast-pipe.

5. Hinge joint,open at both side.

6. Maintenance facilitated by the fact that the atomisation unit can be removed without having to remove the burner from the boiler.

7. The burner is paused, close the throttle to reduce the loss of furnace heat.

8. The electronic modulation type uses two servo motors to control the proportional regulation of fuel and air respectively.

9. It is equipped with regulator and stop valve.

10. With the fuel pre-heater which installed with thermometer and adjustable temperature controller.

11. One flange and one insulating seal for boiler fastening.

12. Combustion air intake with air flow adjustment device.

13. Adjustable burner head with steel gaspipe abd diffuser.

14. Three-phase electric motor to run fan.

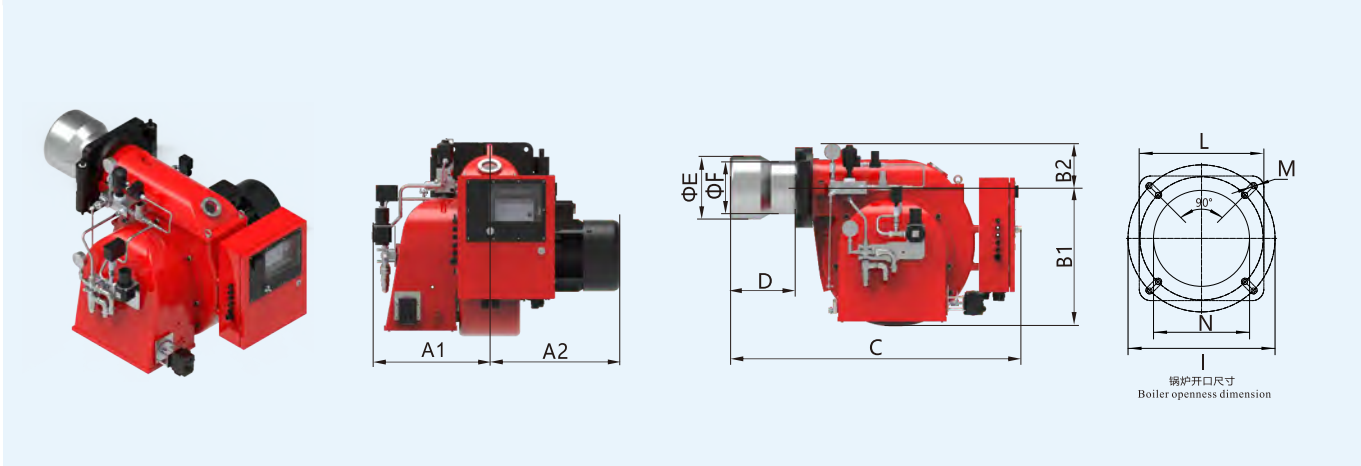
15. Photocell detects the flame.

16. Electrical plant protection rating IP40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
1220~3350	BT30HAE	201 21 206	380V 50Hz	7.5	1296x1046x1177	265
	BT30HAE-A	201 21 216			1296x1046x977	232
1280~3950	BT40HAE	201 21 205	380V 50Hz	9	1296x1046x1177	265
	BT40HAE-A	201 21 215			1296x1046x977	260
1840~5600	BT60HAE	201 21 209	380V 50Hz	12.5	2010x1080x1279	335
	BT60HAE-A	201 21 219			1860x1080x1079	335

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	F	N	L	I	M
	mm	mm	mm	mm	mm	mm	Φmm	Φmm	Φmm	Φmm	Φmm	M
BT30HAE	447.3	495	754	181	1197	268	260	264	280	393	330	4-M16
BT40HAE	447.3	495	754	181	1197	268	260	264	280	393	330	4-M16
BT60HAE	447.3	495	754	290	1727	445	365	325	380	520	580	6-M16

BT30/40/60HAE

Electronic modulation heavy oil burner

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

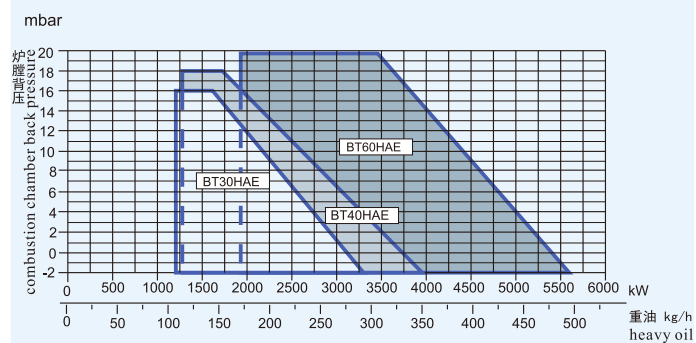
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BTN800/1000HC/HAE

重油燃烧器（空气雾化）

技术性能及结构特征

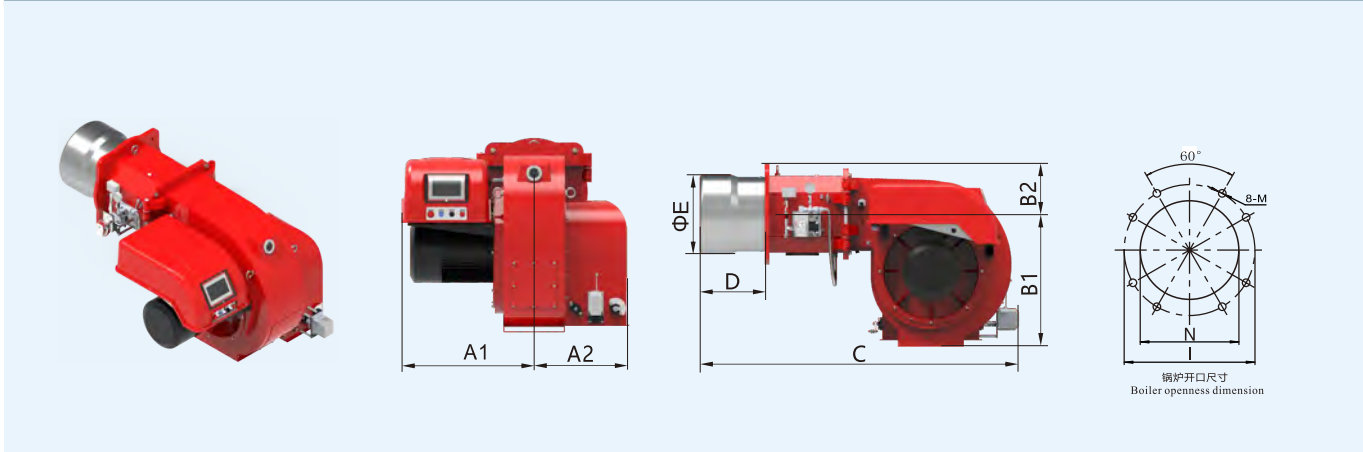
Technical performance and structural characteristics

1. 重油燃烧器
 2. 双段渐近式/比例式/电子式运行。
 3. 空气雾化。
 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. 渐进/比例式用伺服电机来进行第一、二段空气流量调节。
 7. 电子比例式用两个伺服电动机分别控制燃油和空气的比例调节。
 8. 燃烧器暂停时，风门关闭可以减少炉内热量损失。
 9. 带有凸轮的伺服电机可以同时调节空气和燃料的供应。
 10. 采用一个法兰和耐高温隔热垫与锅炉连接固定。
 11. 燃烧器空气进口采用消音设计。
 12. 耐高温的不锈钢燃烧头火焰盘。
 13. 独立的重油电加热器组和三相电机带动油泵。
 14. 光电阻检测火焰。
 15. 标准配置的电气防护等级IP40。
1. Heavy oil burner.
 2. Two-stage sliding/modulating working.
 3. Air atomization.
 4. By adjusting the combustion air and combustion head, the best combustion parameters can be obtained.
 5. Hinge joint ,open at both side ,easy for maintenance.
 6. Progressive/proportional servo motor is used for the first and second stage air flow regulation.
 7. The electronic proportional type uses two servo motors to control the proportional regulation of fuel and air respectively.
 8. When the burner is suspended, the damper is closed to reduce the heat loss in the furnace.
 9. Servo motor with CAM can regulate the supply of air and fuel at the same time.
 10. A flange and high temperature insulation pad are used to connect and fix the boiler.
 11. The burner air inlet is designed with noise reduction.
 12. High temperature resistant stainless steel burner flame tray.
 13. Independent heavy oil electric heater group and three-phase motor drive oil pump.
 14. Light resistance detects flame.
 15. Electrical plant protection rating Ip40.

功率 Power (KW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
1905~8750	BTN800HC	202 21 062	380V 50Hz	18.5	/	/
	BTN800HAE	201 21 902			/	/
1905~10900	BTN1000HC	202 21 063	380V 50Hz	22	/	/
	BTN1000HAE	202 21 083			/	/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN800HC/HAE	757	585	802	398	1940	395	480	560	608	4-M20	Φ490
BTN1000HC/HAE	757	585	802	398	1940	395	480	560	608	4-M20	Φ490

BTN800/1000HC/HAE

Heavy oil burner (Air atomization)



备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

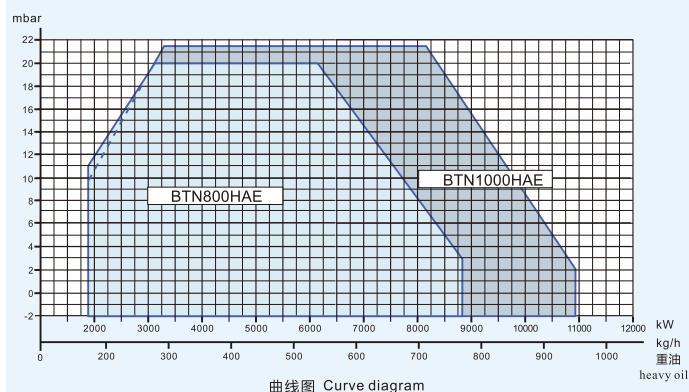
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

BTN1200/1500/1800HC/HAE

重油燃烧器（空气雾化）

技术性能及结构特征

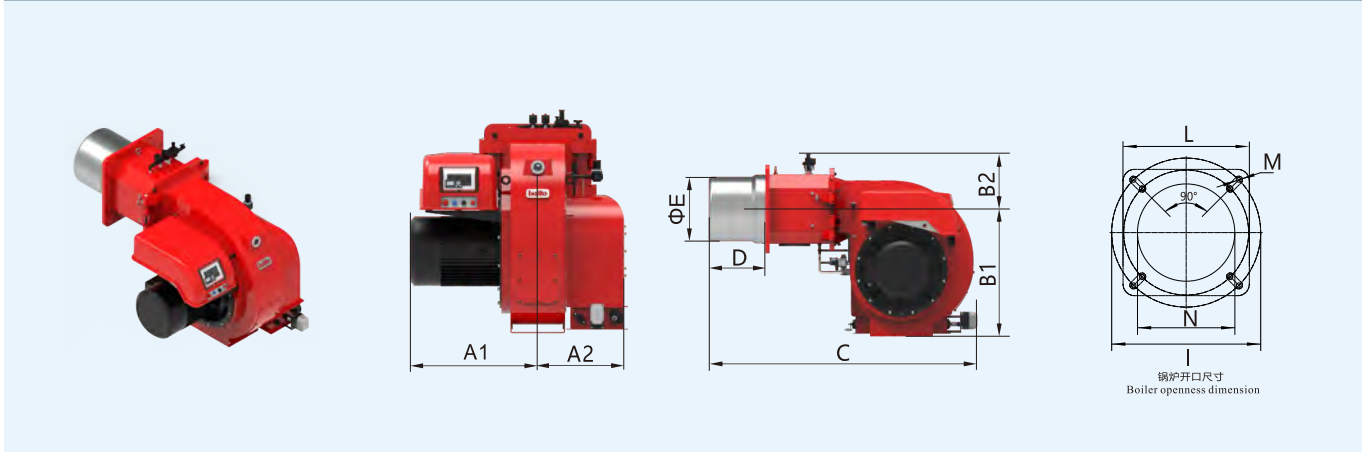
Technical performance and structural characteristics

1. 重油燃烧器
 2. 双段渐近式/比例式/电子式运行。
 3. 空气雾化。
 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. 渐进/比例式用伺服电机来进行第一、二段空气流量调节。
 7. 电子比例式用两个伺服电动机分别控制燃油和空气的比例调节。
 8. 燃烧器暂停时，风门关闭可以减少炉内热量损失。
 9. 带有凸轮的伺服电机可以同时调节空气和燃料的供应。
 10. 采用一个法兰和耐高温隔热垫与锅炉连接固定。
 11. 燃烧器空气进口采用消音设计。
 12. 耐高温的不锈钢燃烧头火焰盘。
 13. 独立的重油电加热器组和三相电机带动油泵。
 14. 光电阻检测火焰。
 15. 标准配置的电气防护等级IP40。
1. Heavy oil burner.
 2. Two-stage sliding/modulating working.
 3. Air atomization.
 4. By adjusting the combustion air and combustion head, the best combustion parameters can be obtained.
 5. Hinge joint ,open at both side ,easy for maintenance.
 6. Progressive/proportional servo motor is used for the first and second stage air flow regulation.
 7. The electronic proportional type uses two servo motors to control the proportional regulation of fuel and air respectively.
 8. When the burner is suspended, the damper is closed to reduce the heat loss in the furnace.
 9. Servo motor with CAM can regulate the supply of air and fuel at the same time.
 10. A flange and high temperature insulation pad are used to connect and fix the boiler.
 11. The burner air inlet is designed with noise reduction.
 12. High temperature resistant stainless steel burner flame tray.
 13. Independent heavy oil electric heater group and three-phase motor drive oil pump.
 14. Light resistance detects flame.
 15. Electrical plant protection rating Ip40.

功率 Power (kW)	型号 Model	订货编号 Order number	电源 Power supply	电机功率 Motor power (KW)	包装尺寸 package size (LxPxHmm)	重量 weight (kg)
1715~12000	BTN1200HC	202 21 064	380V 50Hz	37	/	/
	BTN1200HAE	202 21 084			/	/
1715~14000	BTN1500HC	202 21 065	380V 50Hz	45	/	/
	BTN1500HAE	201 21 903			/	/
2500~17500	BTN1800HC	202 21 066	380V 50Hz	55	/	/
	BTN1800HAE	202 21 086			/	/

外观尺寸图

Exterior dimensional drawing



型 号 model	A1	A2	B1	B2	C	D	E	I	L	M	N
	mm	mm	mm	mm	mm	mm	Φmm	mm	Φmm	M	Φmm
BTN1200HC/HAE	825	585	1012	350	2150	462	510	700	Φ735	8-M20	Φ580
BTN1500HC/HAE	835	585	1012	350	2150	462	510	700	Φ735	8-M20	Φ580
BTN1800HC/HAE	905	585	1012	350	2283	599	590	700	Φ735	8-M20	Φ620

BTN1200/1500/1800HC/HAE

Heavy oil burner (Air atomization)

baite

备选功能

Alternative function

加长的燃烧筒，可定制60Hz

Extended combustion cylinder, customizable 60Hz

标准配件

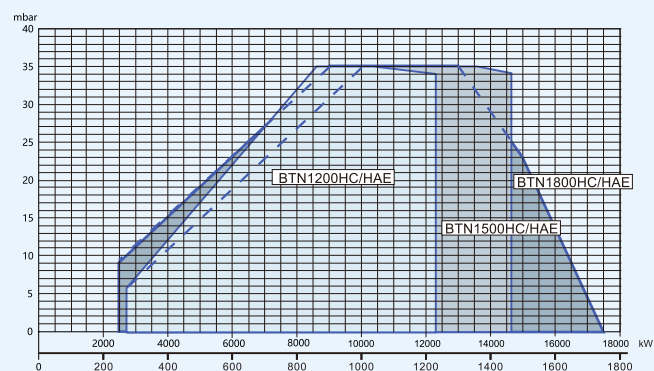
standard fittings

过滤器-软管-喷嘴-与锅炉配套的组件

Filter - Hose - Nozzle - assembly for boiler

曲线图

curve graph



曲线图 Curve diagram

heavy oil

回油式喷嘴

Oil return nozzle



轻油和重油燃烧器喷嘴（调节比1：3）

Light oil and heavy oil nozzle (turn down ratio:1:3)

用于两段渐进式/比例调节式燃烧器和两段火重油燃烧器
It is used with two stage progressive/modulation burner and two stage heavy oil burner

质量流率 Mass flow kg/h	雾化角 Atomization angle
50	45°
60	45°
70	45°
80	45°
90	45°
100	45°
125	45°
150	45°
175	45°
200	45°
225	45°
250	45°
275	45°
300	45°
325	45°
350	45°
375	45°

质量流率 Mass flow kg/h	雾化角 Atomization angle
400	45°
425	45°
450	45°
475	45°
500	45°
525	45°
550	45°
575	45°
600	45°
650	45°
700	45°
750	45°
800	45°
850	45°
900	45°
1000	45°

调节比为1：3的喷嘴用于轻油/重油比例调节式、两段火渐进式燃烧器和两段火重油燃烧器。该型式喷嘴可使油泵的压力保持稳定，通过调节回油压力来改变燃料流量。

Turn down ratio is 1:3 nozzle is used for light oil/heavy oil, two stage progressive burnerand two stage heavy oil burner .this type nozzle could let oil pump pressure keepstable .Change fuel flow by adjusting oil return pressure



重油燃烧器喷嘴（调节比1：5）

Heavy oil burner nozzle(turn down ratio 1:5)

仅用于空气雾化燃烧器。 only for air atomization burner

质量流率 kg/h	雾化角
50	60°
70	60°
110	60°
175	60°
285	60°
345	60°

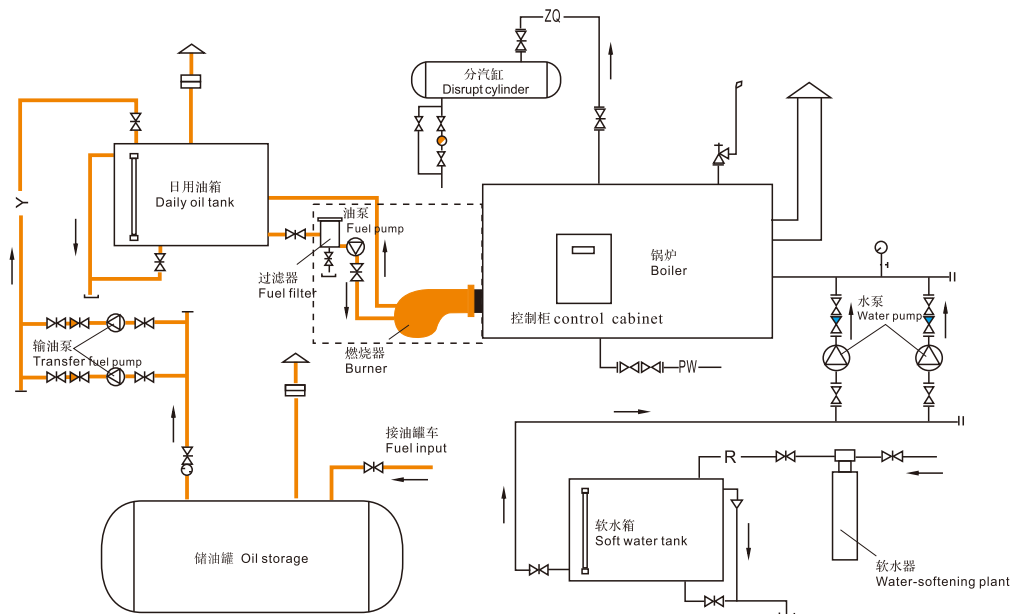
质量流率 kg/h	雾化角
400	60°
550	60°
550	60°
850	60°
1000	60°

调节比为1：5的喷嘴用于轻油/重油比例调节式、两段火渐进式燃烧器和两段火重油燃烧器。该型式喷嘴可使油泵的压力保持稳定，通过调节回油压力来改变燃料流量。

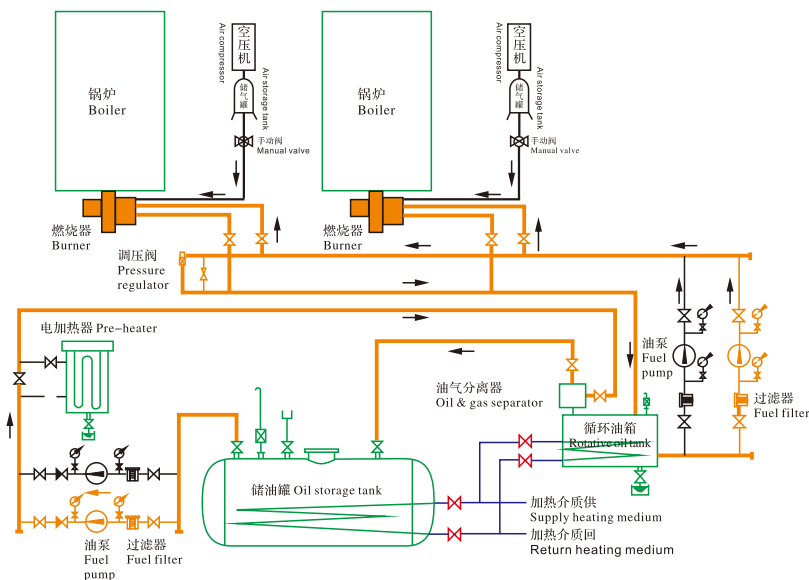
供应的产品
根据输出的功率在订购燃烧器的同时一起订购。

燃烧器燃料供应参考图 Burner fuel supply diagram

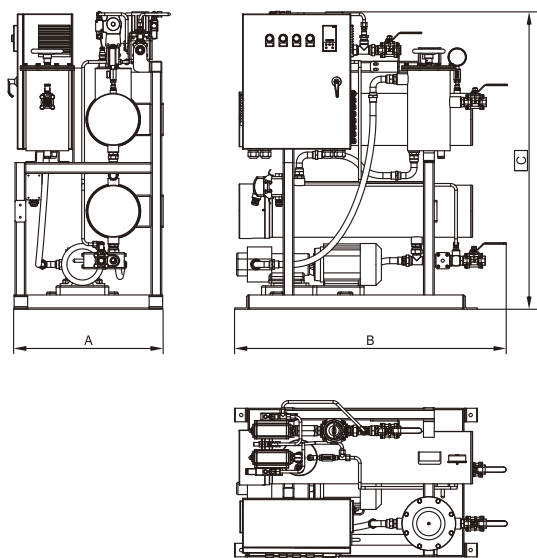
轻油燃烧器燃料供应参考图
Light Oil Burner Supply Fuel Drawing



介质雾化重渣油燃烧器燃料供应参考图
The Medium Spraying Heavy Oil Burner Fuel Supply System Drawing



注：输油泵为一备一用 Notice: one pump is running, the other is spare pump



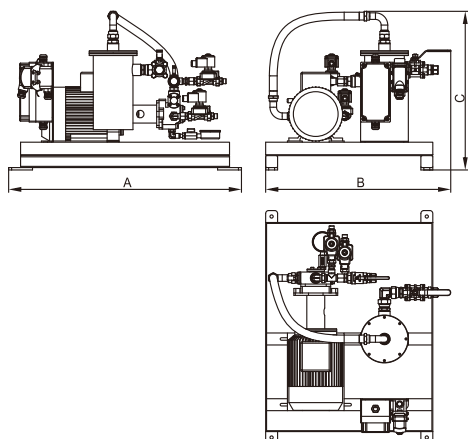
技术性能及结构特征

Technological performance and structural descriptions

1. 适用于重油的输送及加热。
 2. 数显温控仪，进行燃油高低温调节。
 4. 与蒸汽雾化燃烧器配合使用。
 3. 可按实际使用情况对燃油输出压力进行调节。
 5. 集成燃油,蒸汽截止阀，包括蒸汽汽水分离器，疏水阀。
 6. 带蒸汽压力开关，当蒸汽压力达到设定值时，自动由空气转换为蒸汽雾化。
1. Suitable for the conveying and heating of heavy oil.
 2. Digital temperature controller regulates oil high and low temperature.
 3. It regulates oil output pressure referring to actual use.
 4. And with the use of steam atomizing burner.
 5. Integrated fuel, steam stop valve, comprising a steam water separator, Drain valve.
 6. With steam pressure switch, when the steam pressure reaches the set value, Automatically the air turns into the steam atomizing.

电热管功率 Heated tube power kW	型 号 Model	订货编号 Art No.	最大燃油加热量 Max.oil heating value	电 源 Power supply	油泵电机 Pump motor kW	A	B	C	包装尺寸 Packing Size LxPxH mm	重量 Net weight kg
						mm	mm	mm		
40	BTJRQ-A2X20	601 14 406	1100	380V 50Hz	1.5	600	1480	1260	1580x700x1380	
60	BTJRQ-A2X30	601 14 408	1350	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
90	BTJRQ-A2X45	601 14 410	2000	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
40	BTJRQ-L2X20	601 14 416	1100	380V 50Hz	1.5	600	1480	1260	1580x700x1380	
60	BTJRQ-L2X30	601 14 417	1350	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
90	BTJRQ-L2X45	601 14 418	2000	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
40	BTJRQ-S2X20	601 14 411	1100	380V 50Hz	1.5	600	1480	1260	1580x700x1380	
60	BTJRQ-S2X30	601 14 412	1350	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
90	BTJRQ-S2X45	601 14 413	2000	380V 50Hz	2.2	600	1480	1260	1580x700x1380	
40	BTJRQ-H2X20	601 14 407	1100	380V 50Hz	3	600	1480	1260	1580x700x1380	
60	BTJRQ-H2X30	601 14 409	1350	380V 50Hz	4	600	1480	1260	1580x700x1380	

油泵组 BTBZ-L320...2890 Pump set



技术性能及结构特征

Technological performance and structural descriptions

- 1.适用于轻油的输送。
 - 2.可按实际使用情况对燃油输出压力进行调节。
 - 3.与高压机械雾化燃烧器配合使用。
- 1.It issuitable for transportation of light oil.
 - 2.The oil output pressure can be regulated according to real use.
 - 3.It could be used with high pressure mechanical atomizing burner.

输出压力 Output pressure Bar	型 号 Model	订货编号 Art No.	油泵型号 Pump model No.	油滤型号 Oil filter model No.	电 源 Power supply	油泵电机 Pump motor kW	包装尺寸 Packing Size LxPxH mm	重量 Net weight kg
30	BTBZ-L320	221 23 500	TA2C	BTYL-H20C1	380V 50Hz	1.5	880x720x650	
30	BTBZ-L520	221 23 501	TA3C	BTYL-H20C1	380V 50Hz	1.5	880x720x650	
30	BTBZ-L680	221 23 502	TA4C	BTYL-H20C1	380V 50Hz	2.2	880x720x650	
30	BTBZ-L980	221 23 503	TA5C	BTYL-H20C1	380V 50Hz	2.2	880x720x650	
30	BTBZ-L990	221 23 504	T2C	BTYL-H20C1	380V 50Hz	2.2	880x720x650	
30	BTBZ-L1360	221 23 505	T3C	BTYL-H20C1	380V 50Hz	3	880x720x650	
30	BTBZ-L1920	221 23 506	T4C	BTYL-H20C1	380V 50Hz	4	880x720x650	
30	BTBZ-L2890	221 23 507	T5C	BTYL-H20C1	380V 50Hz	4	880x720x650	

型 号 Model	A mm	B mm	C mm	燃油出口 Oil output	燃油回油 oil return	燃油入口 Oil input	回油接口 Oil return port	燃油输出量 Oil consumption kg/h	燃油运动粘度 Oil viscosity Cst
BTBZ-L320	780	620	531	G3/8"	G3/8"	G3/4"	G1/2"	320	5
BTBZ-L520	780	620	531	G3/8"	G3/8"	G3/4"	G1/2"	520	5
BTBZ-L680	780	620	531	G3/8"	G3/8"	G3/4"	G1/2"	680	5
BTBZ-L980	780	620	531	G3/8"	G3/8"	G3/4"	G1/2"	980	5
BTBZ-L990	780	620	531	G3/4"	G1/2"	G3/4"	G3/4"	990	5
BTBZ-L1360	780	620	531	G3/4"	G1/2"	G3/4"	G3/4"	1360	5
BTBZ-L1920	780	620	531	G3/4"	G3/4"	G3/4"	G3/4"	1920	5
BTBZ-L2890	780	620	531	G3/4"	G3/4"	G3/4"	G3/4"	2890	5

注：1.油泵组出口油和回油口都带电磁阀。
2.油泵输出流量为燃油运动粘度在 5 cSt 时30bar下的流量。
3.在压力和粘度有变化时请联系技术部门。

Note:1.Oil outlet and oil return port of pump set are with solenoid valve.
2.30bars,Pump output flow is the one when oil viscosity in 5CST.
3.In condition that the variation of pressure and viscosity , please contact technology department.



超低氮1吨烟气外循环



超低氮4吨全预混燃气燃烧器



超低氮2吨烟气外循环



超低氮6吨烟气外循环



超低氮12吨烟气外循环



热风型超低氮4吨烟气外循环



超低氮4吨全预混燃气燃烧器



超低氮2吨烟气外循环



超低氮4吨烟气外循环



超低氮2吨烟气外循环



超低氮2吨烟气外循环



超低氮10吨烟气外循环



超低氮6吨烟气外循环



超低氮4吨全预混燃气燃烧器



超低氮2吨全预混燃气燃烧器

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Assembly workshops



加工中心车间一角 Assembling Plant

服务于全球的热能技术
Serving The Global Heat
Energy Technology

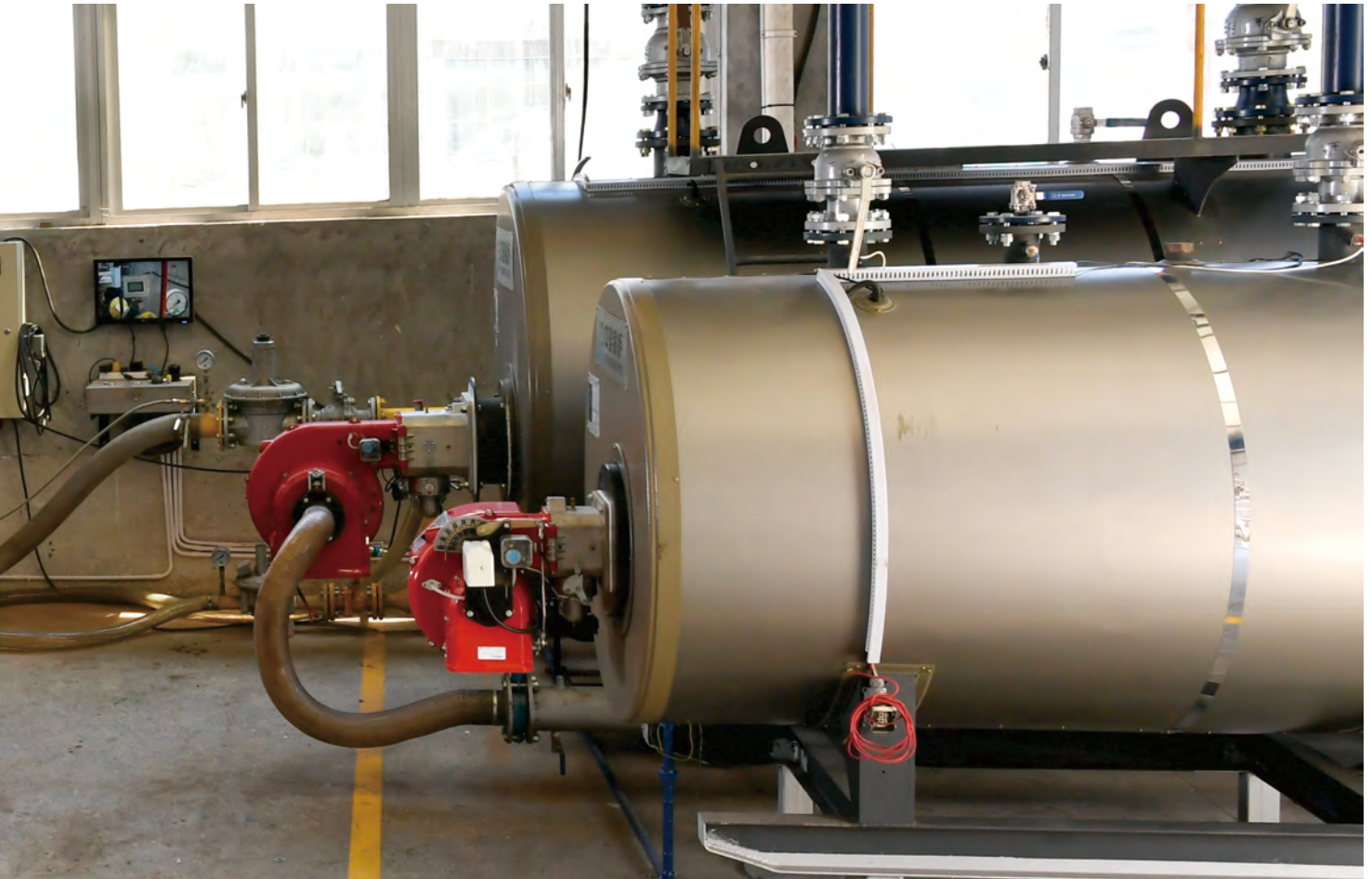
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服务于全球的热能技术
Serving The Global Heat
Energy Technology







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