Natural gas and LPG burners

baltur

Series

BTG
SPARKGAS
BGN - GI

BTG - SPARKGAS - BGN - GI

Natural gas and LPG burners

BTG 3

Certificate of quality

In 1994, we were awarded the **UNI EN ISO 9001** Certificate of Quality, one of the first firms to do so in the field.
What this means is that every stage of the Baltur production cycle, from **design**, to **production**, through to **after-sales service**, meets rigorous European standards.
The award amounts to recognition of a continuing desire on our part to improve our range of products and services and offer our customers a total quality guarantee.
For several years now, our policy has been directed to the protection of the environment, a philosophy quite ahead of its time; the outstanding results we have obtained, in connection with the reliability of our products and the extremely high fuel performance levels reached, are the fruits of our commitment to innovation in the Research & Development sector. This desire for innovation has taken form in **Baltur Research Centre**, where a team of highly skilled technicians, experts in fuel technology, carry out rigorous tests and experiments on burner prototypes and thermal units with capacity ranging from 16 to 46000 kW.

BTG 3,6
BTG 6
BTG 11

BTG 3,6 P
BTG 6 P
BTG 11 P

High technological content

The construction of Baltur burners is based on criteria aimed to creating heating units which are extremely reliable and which offer easy access to every single component, an important factor when comes repairing, cleaning, checking or servicing the machine.
The special pressurisation features, the compact size of the burners in proportion to their heating capacity, the very low electrical energy consumption - these features complete the technical and functional checklist of a product with a high

Symbol used

BTG... • SPARKGAS • SPARKGAS...W • BGN...
Single-stage (On-Off) gas burners.

BTG... P • SPARKGAS...W • SPARKGAS...PW • BGN...P
Two-stage gas burners.
...W
Without cover.

BGN...DSPGN • GI...DSPGN
Progressive two-stage/modulating gas burners.

The letters indicate the model; the capacity of the burners is indicated in the empty spaces.

technical content.

Burner model with hinge (available to order).

Main characteristics

• **Monoblock burner** casing in cast aluminium.

• **Fan** having a specially designed structure with strong pressurisation, to ensure safe operation even when the burner is fitted on semi-pressurised or pressurised boilers.

• **Sliding coupling flange** on combustion head which allows installer to pin-point the exact position of the combustion head in relation to the boiler furnace and thereby connect them with precision.

• **Combustion head**, constructed to produce the best burner combustion rates at every point in the operating range.

• **Electronic equipment** controlling the entire operating cycle and safety functions.

• **Wide range** of models and capacities.

• **Easy to install and service**.

• **The burners are supplied ready for coupling purposes**.

• **For European markets** the burners are constructed in accordance with CE (EN 676) standards when this becomes necessary.

SPARKGAS 20
SPARKGAS 30
SPARKGAS 35

SPARKGAS 20 W
SPARKGAS 30 W
SPARKGAS 35 W

SPARKGAS 20 P
SPARKGAS 30 P
SPARKGAS 35 P

SPARKGAS 20 PW
SPARKGAS 30 PW
SPARKGAS 35 PW

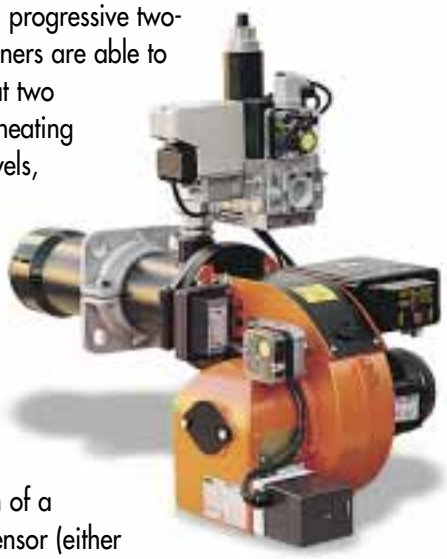
Operation

Baltur burners are constructed in single-stage, two-stage, progressive two-stage models and progressive two-stage model with modulation kit (the last model carries out the modulating operation).

• **Single-stage**: the burner is provided with only the on/off functions.

• **Two-stage**: the burner operates an off function, a low flame function and a maximum thermal power function. From this last position, the burner can automatically (by control of the specific thermostat or pressure switch) switch back to low flame operation.

• **Progressive two-stage (DSPGN)**: progressive two-stage burners are able to operate at two different heating power levels, passing from one to the other by operation of a special sensor (either thermostat or pressure switch) over a defined period of time: this is the period of time required by the servomotor controlling the thermal power to move up from the minimum value to the maximum and vice-versa.



The air/fuel ratio can be adjusted over the

BGN 34

BGN 34 P

BGN 34 DSPGN

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entire operating range (minimum-maximum) with extreme precision, depending on the specific needs of the boiler.

• **Modulating operation**: modulating burners are used whenever the thermal power has to be varied continuously in order to adapt itself to the specific needs of the boiler which are also subject to fluctuations.

This type of operation is obtained by

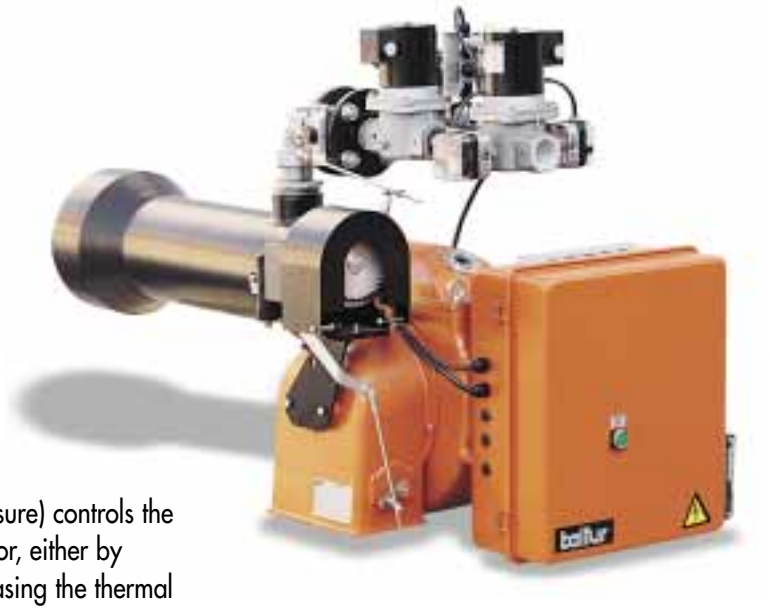
Modulation is achieved using an electric servomotor that allows the correct air-fuel ratio to be obtained throughout the entire modulation range.

Industrial burner production line.

BGN 50

BGN 40 P
BGN 60 P
BGN 100 P
BGN 120 P
BGN 150 P
BGN 200 P
BGN 250 P
BGN 300 P
BGN 350 P

BGN 17 DSPGN
BGN 26 DSPGN
BGN 34 DSPGN
BGN 40 DSPGN
BGN 60 DSPGN
BGN 100 DSPGN
BGN 120 DSPGN
BGN 150 DSPGN
BGN 200 DSPGN
BGN 250 DSPGN
BGN 300 DSPGN
BGN 350 DSPGN



equipping the models in the DSPGN - series (progressive two-stage) with an automatic thermal power regulator (RWF40) which, with the use of a sensor (either temperature or pressure) controls the regulation servomotor, either by increasing or decreasing the thermal power supplied.
The RWF40 regulator is a PID-typemodel (proportional, integral, differential). Parameters can be adjusted by effecting the data settings on the regulator.
Naturally, the thermal power level can only be varied within the "minimum" and "maximum" limits applying to the burner.

GI 350 DSPGN
GI 420 DSPGN
GI 510 DSPGN
GI 1000 DSPGN

Industrial burner series

GI Series - Large systems

The industrial burners in the GI series have been designed specifically for industrial use.
They are constructed in a monoblock version (and are therefore more compact than conventional industrial burners, with the same capacity) with capacity ranging from 1581 to 10500 kW.

TS and PYR series

In addition to the GI burners, the industrial series also includes models with larger capacities: the TS series with separate fan and the PYR series with separate fan and adjustable flame.
Information on these models can be found in the relevant brochure.

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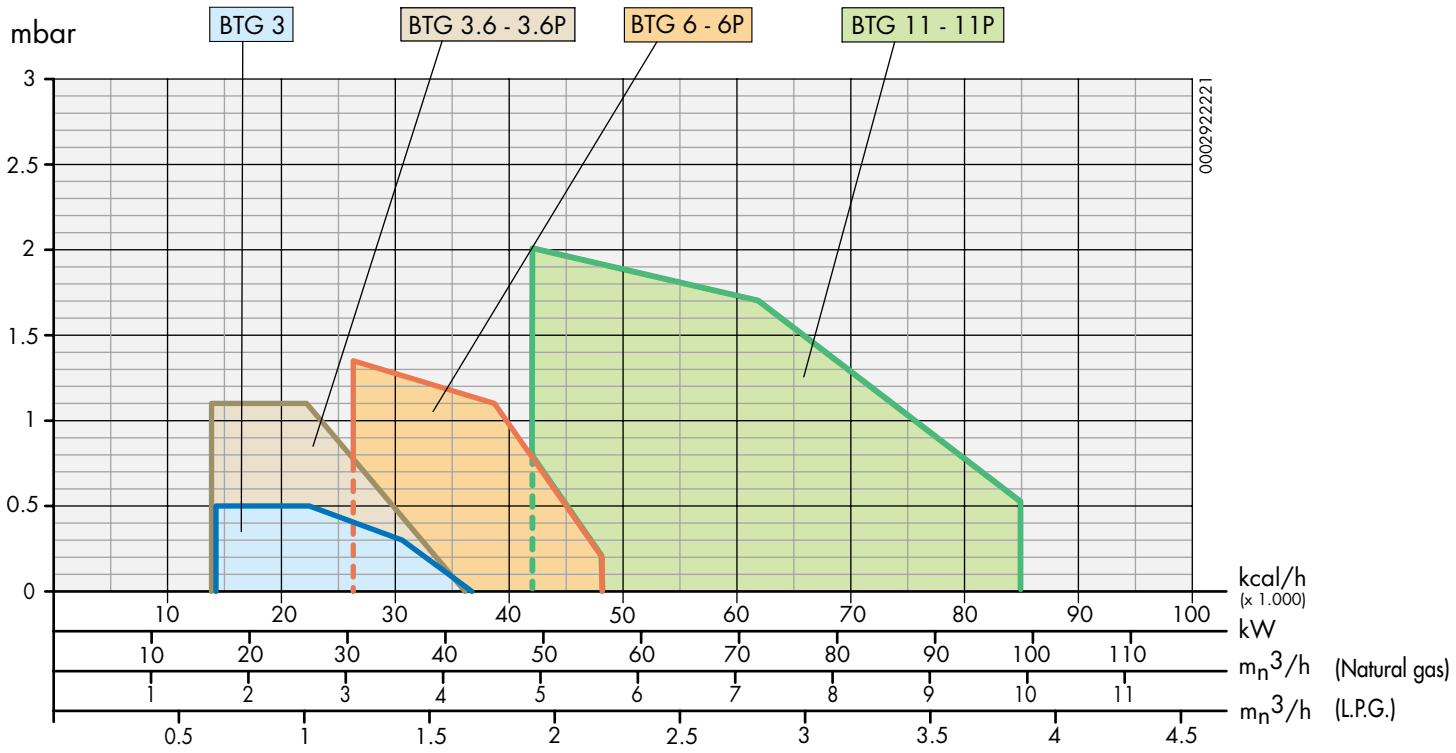
Operating ranges

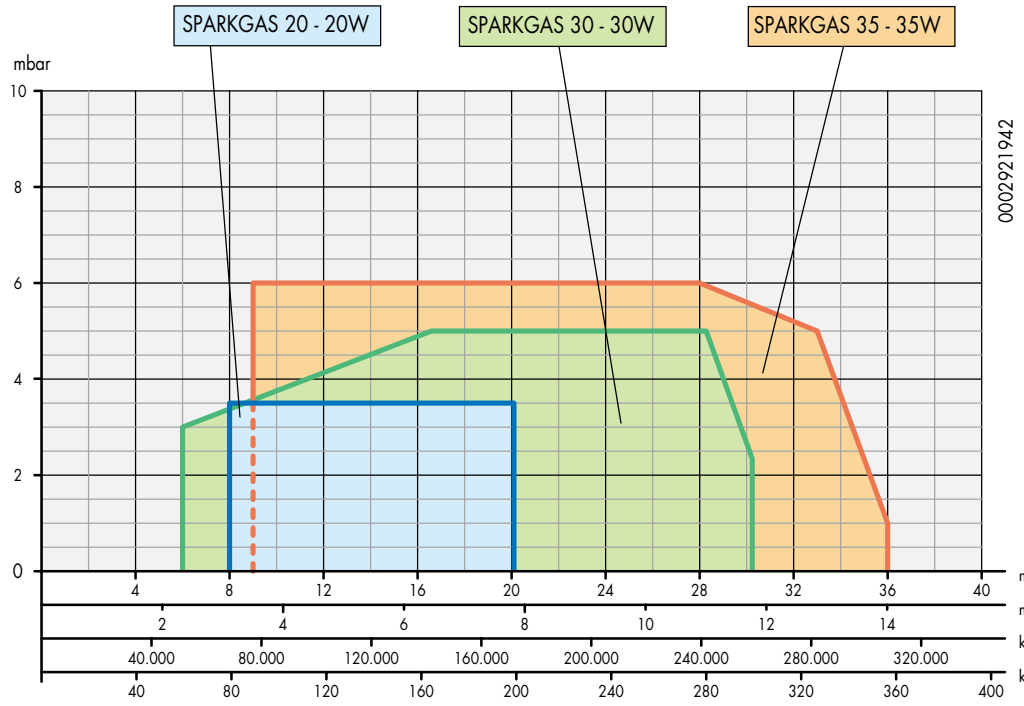


Warning

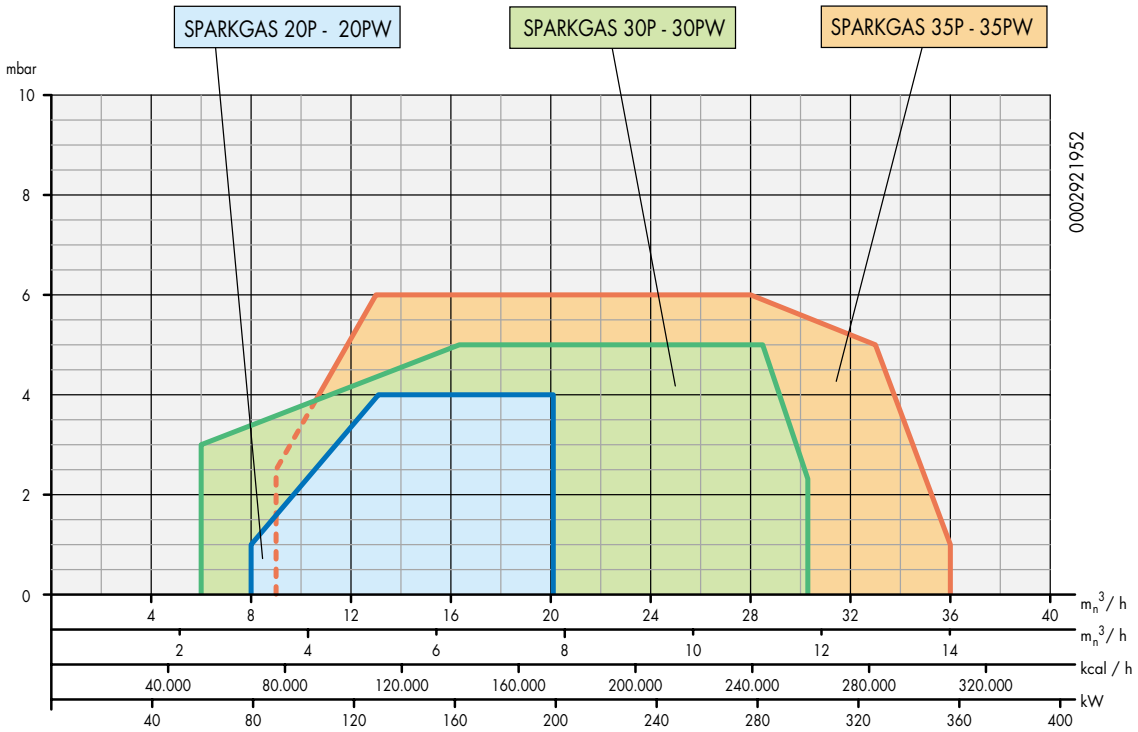
The diagrams are intended as mere guidelines and are based on test boilers complying with current regulations.

In reality, variations may occur, due to the following factors:
a) the ability of the burner to overcome the excess pressure generated upon lighting (not strictly linked to that applying during normal operation) which tends to vary from one boiler to another;
b) high thermal load in furnace (ratio between thermal power of furnace and relevant volume - kcal/h/m3) which may prevent the burner fan from exploiting the entire operating range.

Operating ranges



(Natural gas)
(L.P.G.)



(Natural gas)
(L.P.G.)

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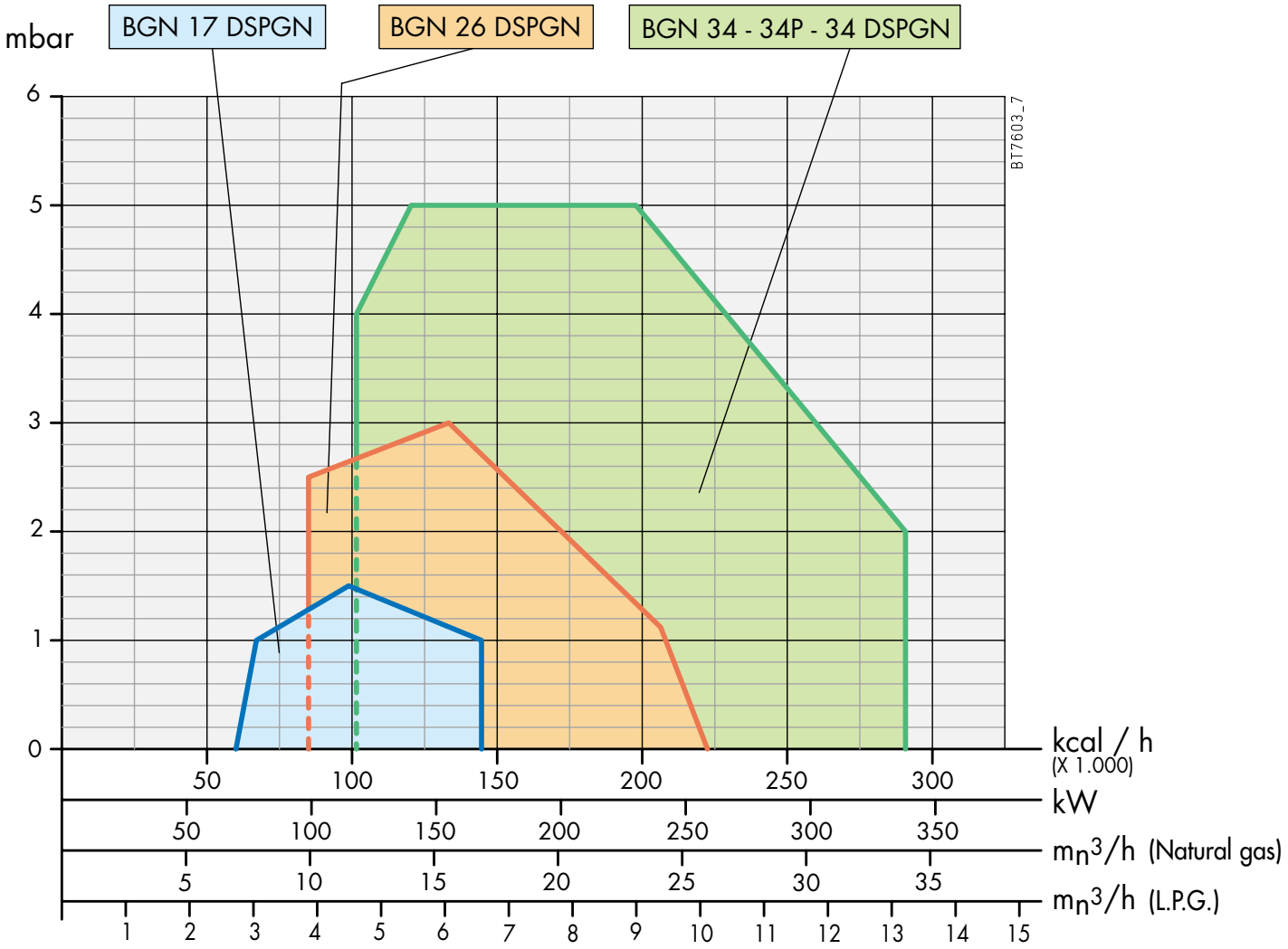
Natural gas and LPG burners

Operating ranges



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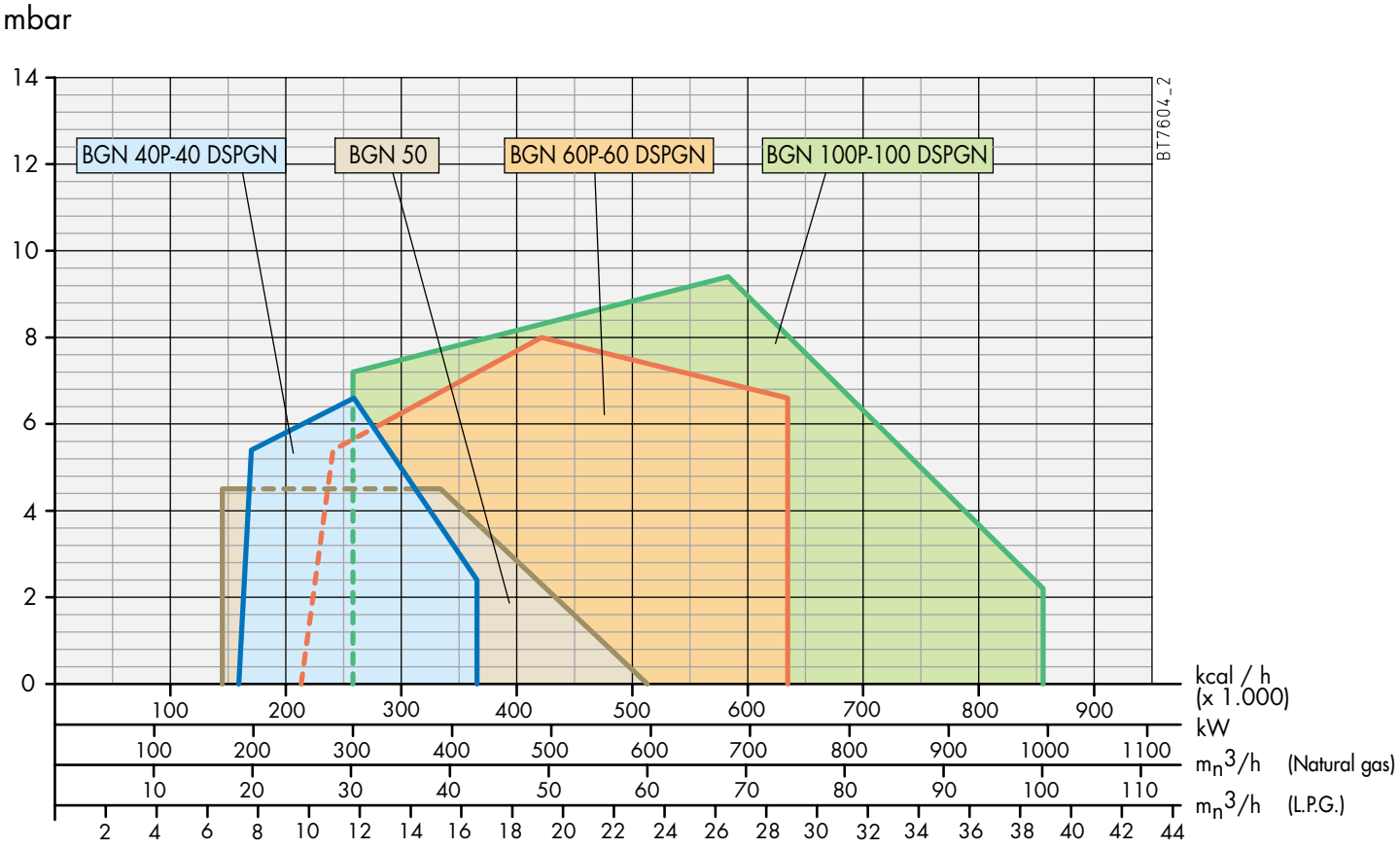
Operating ranges



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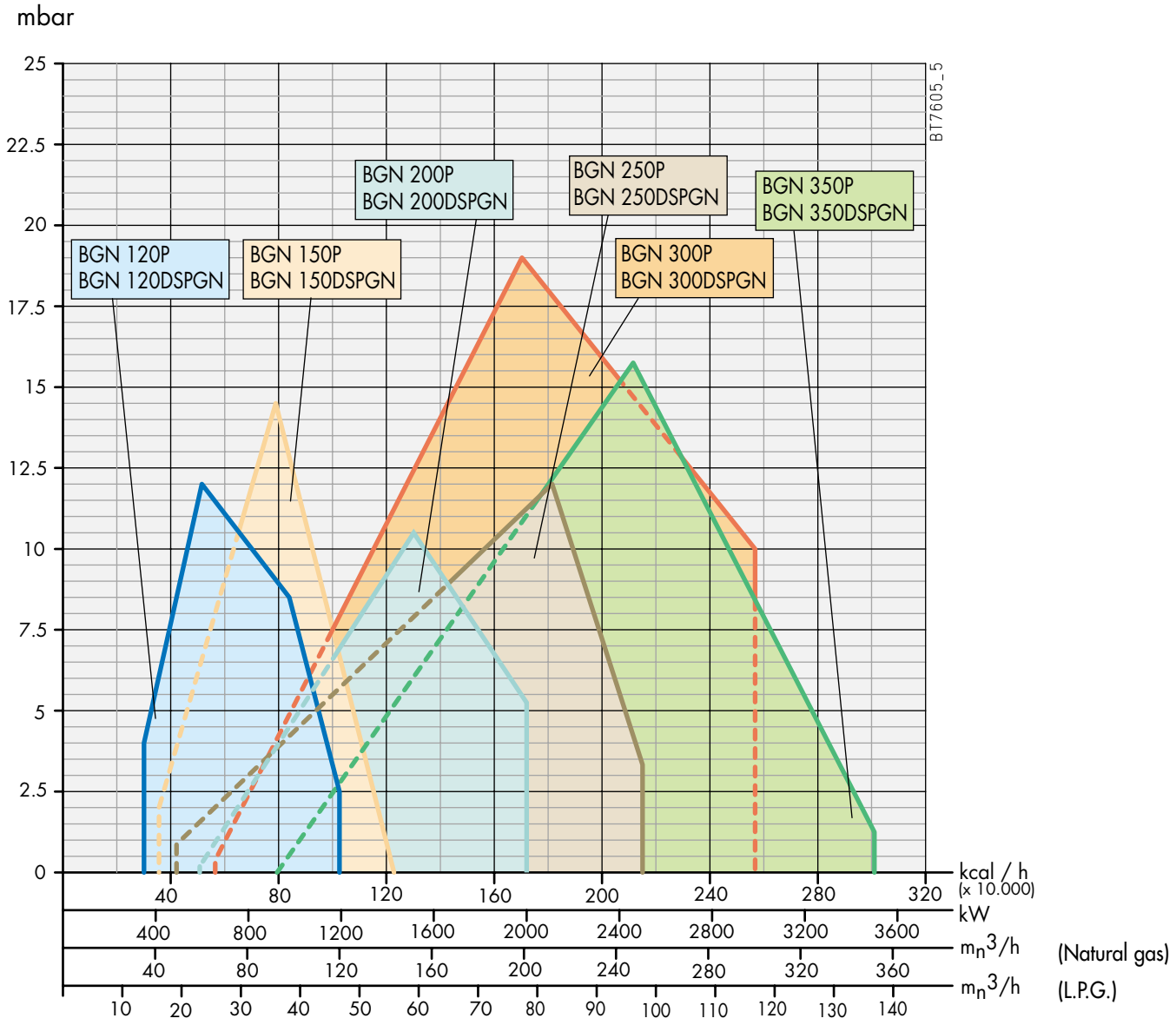
Natural gas and LPG burners

Operating ranges



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In reality, variations may occur, due to the following factors:
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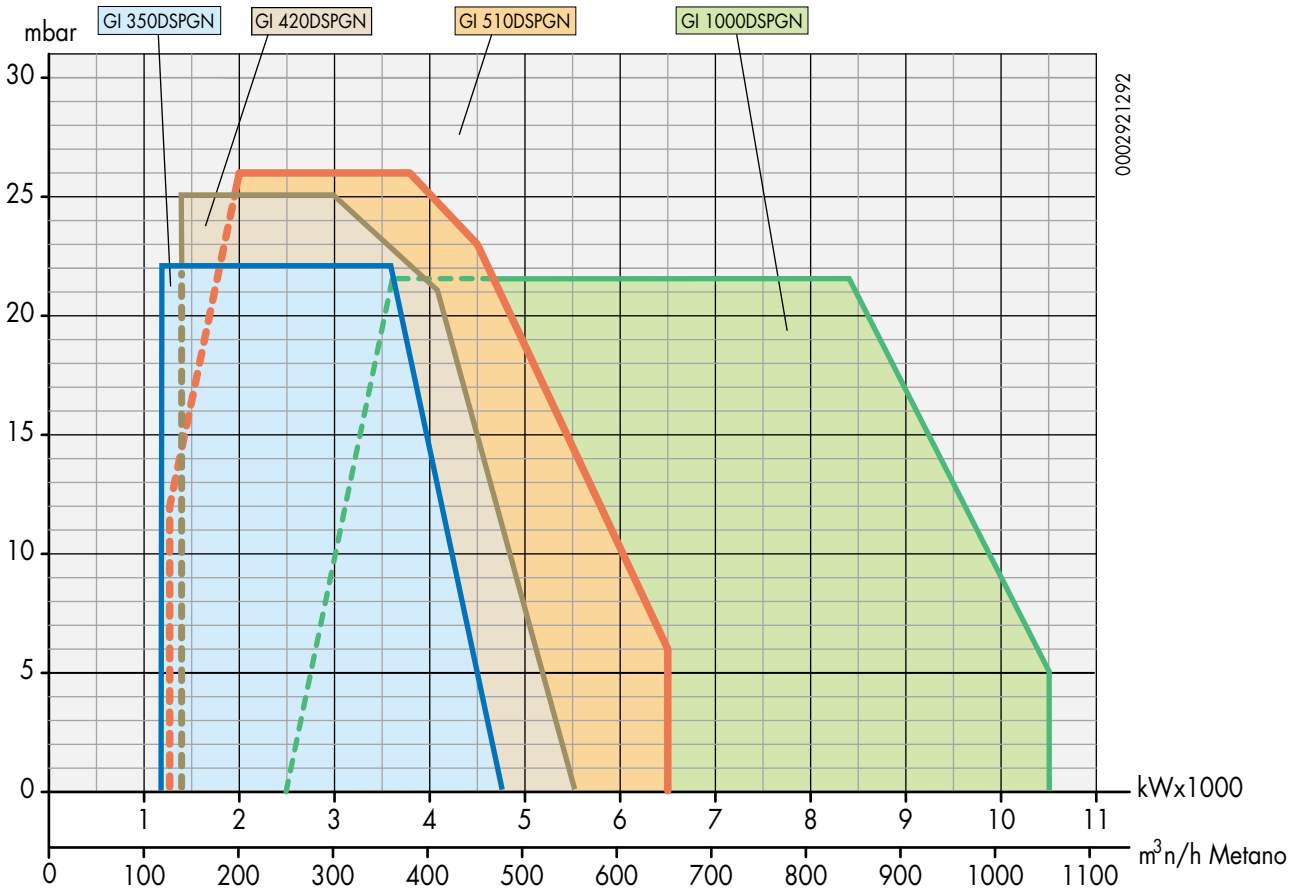
Operating ranges



For higher ratings, besides GI burners, the industrial series also include the TS series with separate fan and PYR with separate fan and adjustable flame. Please see the relevant brochure for details.

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Technical data

One-stage

Model	Fuel consumption Natural gas [a] min. m^3/h	Natural gas [a] max. m^3/h	LPG [a] min. m^3/h	LPG [a] max. m^3/h	Burner output min. kW	Burner output max kW	Natural gas minimal pressure [b] mbar	Mains supply	Rated power motor kW	Package dimensions L x P x H mm	Weight with package kg	Notes
BTG 3	1,7	4,3	0,6	1,6	16,6	42,7	12	1N ~ 50Hz 230V	0,09	400 x 280 x 280	9	[1]
BTG 3,6	1,6	4,2	0,6	1,5	16,3	41,9	12	1N ~ 50Hz 230V	0,11	500 x 300 x 300	12	[1]
BTG 6	3,1	5,7	1,2	2,3	30,6	56,3	12	1N ~ 50Hz 230V	0,11	500 x 300 x 300	12	[1]
BTG 11	4,9	10,0	1,9	4,3	48,8	99,0	12	1N ~ 50Hz 230V	0,11	540 x 300 x 320	12	[1]
SPARKGAS 20 • 20 W	8,0	20,1	3,1	7,8	80,0	200,0	15 ÷ 23	1N ~ 50Hz 230V	0,37	980 x 540 x 480	36	[2]
SPARKGAS 30 • 30 W	6,0	30,1	2,3	11,7	60,0	300,0	13 ÷ 19	1N ~ 50Hz 230V	0,37	980 x 540 x 480	36	[2]
SPARKGAS 35 • 35 W	9,0	36,0	3,5	14,0	90,0	358,0	13 ÷ 21	1N ~ 50Hz 230V	0,37	1100 x 540 x 480	36	[2]
BGN 34	12,0	34,0	4,6	13,0	118,0	338,0	13 ÷ 19	3N ~ 50Hz 400V	0,37	1080 x 530 x 460	35	[2]
BGN 50	17,0	60,0	6,6	23,0	169,0	596,0	17 ÷ 29	3N ~ 50Hz 400V	0,37	1260 x 660 x 680	65	[2]

Two-stage

Model	Fuel consumption Natural gas [a] min. m^3/h	Natural gas [a] max. m^3/h	LPG [a] min. m^3/h	LPG [a] max. m^3/h	Burner output min. kW	Burner output max kW	Natural gas minimal pressure [b] mbar	Mains supply	Rated power motor kW	Package dimensions L x P x H mm	Weight with package kg	Notes
BTG 3,6 P	1,6	4,2	0,6	1,5	16,3	41,9	12	1N ~ 50Hz 230V	0,11	500 x 300 x 320	12	[1]
BTG 6 P	3,1	5,7	1,2	2,3	30,6	56,3	12	1N ~ 50Hz 230V	0,11	500 x 300 x 320	12	[1]
BTG 11 P	4,9	10,0	1,9	4,3	48,8	99,0	12	1N ~ 50Hz 230V	0,11	540 x 300 x 320	12	[1]
SPARKGAS 20P • 20 PW	8,0	20,1	3,1	7,8	80,0	200,0	15 ÷ 23	1N ~ 50Hz 230V	0,37	980 x 540 x 480	36	[3]
SPARKGAS 30P • 30 PW	6,0	30,1	2,3	11,7	60,0	300,0	13 ÷ 19	1N ~ 50Hz 230V	0,37	980 x 540 x 480	36	[3]
SPARKGAS 35P • 35 PW	9,0	36,0	3,5	14,0	90,0	358,0	13 ÷ 21	1N ~ 50Hz 230V	0,37	1100 x 540 x 480	36	[3]
BGN 34 P	12,0	34,0	4,6	13,0	118,0	338,0	13 ÷ 19	3N ~ 50Hz 400V	0,37	1080 x 530 x 460	37	[3]
BGN 40 P	19,0	43,0	7,0	17,0	185,0	425,0	11 ÷ 18	3N ~ 50Hz 400V	0,37	1260 x 660 x 680	63	[3]
BGN 60 P	25,0	75,0	9,7	27,2	248,0	738,0	18 ÷ 24	3N ~ 50Hz 400V	1,1	1510 x 750 x 720	88	[3]
BGN 100 P	28,0	101,0	11,0	39,0	280,0	995,0	17 ÷ 34	3N ~ 50Hz 400V	1,1	1510 x 750 x 720	91	[3]
BGN 120 P	35,0	121,0	14,0	46,6	350,0	1200,0	19 ÷ 33	3N ~ 50Hz 400V	1,5	1510 x 750 x 720	100	[3]
BGN 150 P	42,0	144,0	16,2	56,0	414,0	1428,0	20 ÷ 150	3N ~ 50Hz 400V	2,2	1700 x 1000 x 710	148	[3]
BGN 200 P	60,0	202,0	23,1	78,4	590,0	2000,0	26 ÷ 150	3N ~ 50Hz 400V	3,0	2030 x 1210 x 990	220	[3]
BGN 250 P	50,0	252,0	19,2	98,0	490,0	2500,0	38 ÷ 150	3N ~ 50Hz 400V	7,5	2030 x 1210 x 990	249	[3]
BGN 300 P	66,0	300,0	25,8	117,0	657,0	2982,0	20 ÷ 150	3N ~ 50Hz 400V	7,5	2030 x 1210 x 990	286	[3]
BGN 350 P	93,0	353,0	36,2	137,3	924,0	3500,0	26 ÷ 150	3N ~ 50Hz 400V	7,5	2030 x 1210 x 990	290	[3]

Progressive two-stage/modulating c)

Model	Fuel consumption Natural gas a) min. m^3/h	Natural gas a) max. m^3/h	LPG a) min. m^3/h	LPG a) max. m^3/h	Burner output min. kW	Burner output max kW	Natural gas minimal pressure b) mbar	Mains supply	Rated power motor kW	Package dimensions L x P x H mm	Weight with package kg	Notes
BGN 17 DSPGN	7	17	2,7	6,6	69	169	23	1N~50Hz 230V	0,18	930 x 600 x 940	73	3)
BGN 26 DSPGN	10	26	3,9	10,0	99	258	20	1N~50Hz 230V	0,18	1260 x 660 x 680	75	3)
BGN 34 DSPGN	12	34	4,6	13,0	118	338	20	3N~50Hz 400V	0,37	1260 x 660 x 680	83	3)
BGN 40 DSPGN	19	43	7,0	17,0	185	425	20	3N~50Hz 400V	0,37	1510 x 750 x 720	124	3)
BGN 60 DSPGN	25	75	9,7	27,2	248	738	22	3N~50Hz 400V	1,1	1510 x 750 x 720	149	3)
BGN 100 DSPGN	28	101	11,0	39,0	280	995	30	3N~50Hz 400V	1,1	1510 x 750 x 720	152	3)
BGN 120 DSPGN	35	121	14,0	46,6	350	1200	40	3N~50Hz 400V	1,5	1510 x 750 x 720	161	3)
BGN 150 DSPGN	42	144	16,2	56,0	414	1428	27	3N~50Hz 400V	2,2	1700 x 1000 x 710	228	3)
BGN 200 DSPGN	60	202	23,1	78,4	590	2000	33	3N~50Hz 400V	3,0	2030 x 1210 x 990	300	3)
BGN 250 DSPGN	50	252	19,2	98,0	490	2500	150	3N~50Hz 400V	7,5	2030 x 1210 x 990	329	3)
BGN 300 DSPGN	66	300	25,8	117,0	657	2982	150	3N~50Hz 400V	7,5	2030 x 1210 x 990	366	3)
BGN 350 DSPGN	93	353	36,2	137,3	924	3500	150	3N~50Hz 400V	7,5	2030 x 1210 x 990	370	3)
GI 350 DSPGN	120	478	-	-	1188	4752	200	3N~50Hz 400V	15,0	2260 x 1520 x 1200	363	3)
GI 420 DSPGN	140	558	-	-	1386	5544	200	3N~50Hz 400V	18,5	2260 x 1520 x 1200	415	3)
GI 510 DSPGN	185	654	-	-	1831	6500	200	3N~50Hz 400V	18,5	2260 x 1520 x 1200	415	3)
GI 1000 DSPGN	251	1056	-	-	2500	10500	350	3N~50Hz 400V	22,0	2350 x 1450 x 1600	930	3)

Notes

GI burners, the industrial series also includes in addition to the models with larger capacities: the TS series with separate fan and the PYR series with separate fan and adjustable flame. Information on these models can be found in the relevant brochure.

a) Minimal thermal capacity: **Natural gas** 0° C, 1013 mbar = 8550 kcal/m_n^3 = 9,9 kWh/m_n^3
Minimal thermal capacity: **L.P.G.** 0° C, 1013 mbar = 22000 kcal/m_n^3 = 25,5 kWh/m_n^3

b) The indicated gas pressure is the one necessary at the gas train upstream to reach the maximum capacity of the burner. If a boiler with pressurized combustion chamber is used, the specific drop pressure should be add to the value we indicate. The pairing gas train/burner is considerated between the minimum and maximum pressure values indicated in the column "Min. Press. Nat. Gas" and satisfy the requirements of a normal utilisation. For pressures other then those indicated, please contact our commercial department. To choose the gas train, please see our price list.

c) The modulating burners are obtained by ordering progressive two-stage burners (DSPGN) plus the automatic regulator **RWF40** and the **modulation kit**; specific instructions are given on the last page of this catalogue.

1) With standard device for air closing.
2) With automatic device for air closing on request.
3) With automatic device for air closing.

BTG - SPARKGAS - BGN - GI

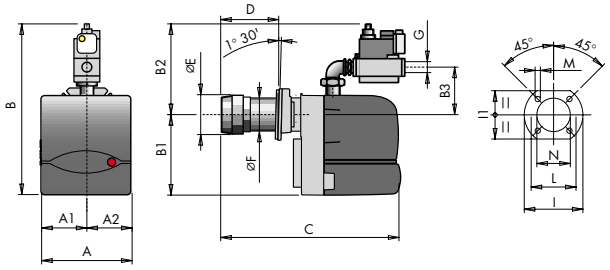
Natural gas and LPG burners

Dimensions

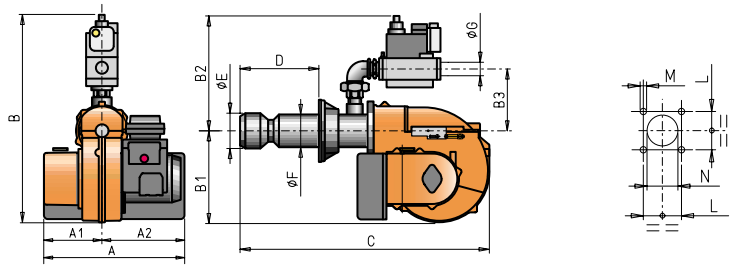
Model	A	A1	A2	B *)	B1	B2 *)	B3 *)	B4 *)	C	D min	D max	E	F	G *)	G1 *)	I	I1	L min	L max	M	N	R	S
BTG 3	250	120	130	395	170	225	105	—	330	100	—	90	90	Rp 1/2		170	144	135	161	M8	95	—	—
BTG 3,6	245	122,5	122,5	448,5	218,5	230	120	—	410	50	105	90	90	Rp 1/2	—	170	140	130	155	M8	95	—	—
BTG 3,6 P	245	122,5	122,5	548,5	218,5	330	120	—	410	50	105	90	90	Rp 3/4		170	140	130	155	M8	95	—	—
BTG 6	245	122,5	122,5	493,5	218,5	275	120	—	410	50	105	90	90	Rp 3/4	—	170	140	130	155	M8	95	—	—
BTG 6 P	245	122,5	122,5	548,5	218,5	330	120	—	410	50	105	90	90	Rp 3/4		170	140	130	155	M8	95	—	—
BTG 11	245	122,5	122,5	493,5	218,5	275	120	—	475	90	150	108	90	Rp 3/4	—	170	140	130	155	M8	95	—	—
BTG 11 P	245	122,5	122,5	548,5	218,5	330	120	—	475	90	150	108	90	Rp 3/4		170	140	130	155	M8	95	—	—
SPARKGAS 20	490	245	245	620	275	345	185	—	765	120	280	126	95	Rp 3/4	—	—	—	105	—	M8	130	—	—
SPARKGAS 20 W	460	230	230	608	263	345	185	—	740	120	280	126	95	Rp 3/4		—	—	105	—	M8	130	—	—
SPARKGAS 20 P	490	245	245	720	275	445	185	—	765	120	280	126	95	Rp 3/4	—	—	—	105	—	M8	130	—	—
SPARKGAS 20 PW	460	230	230	708	263	445	185	—	740	120	280	126	95	Rp 3/4		—	—	105	—	M8	130	—	—
SPARKGAS 30	490	245	245	650	275	375	215	—	860	170	300	135	135	Rp 1 1/4	—	—	—	140	175	M12	150	—	—
SPARKGAS 30 W	460	230	230	638	263	375	215	—	835	170	300	135	135	Rp 1 1/4		—	—	140	175	M12	150	—	—
SPARKGAS 30 P	490	245	245	750	275	475	215	—	860	170	300	135	135	Rp 1 1/4	—	—	—	140	175	M12	150	—	—
SPARKGAS 30 PW	460	230	230	738	263	475	215	—	835	170	300	135	135	Rp 1 1/4		—	—	140	175	M12	150	—	—
SPARKGAS 35	490	245	245	637	275	362	200	—	965	130	350	155	135	Rp 1 1/4	—	—	—	140	175	M12	150	—	—
SPARKGAS 35 W	475	230	245	625	263	362	200	—	925	130	350	155	135	Rp 1 1/4		—	—	140	175	M12	150	—	—
SPARKGAS 35 P	490	245	245	755	275	480	200	—	965	130	350	155	135	Rp 1 1/4	—	—	—	140	175	M12	150	—	—
SPARKGAS 35 PW	475	230	245	743	263	480	200	—	925	130	350	155	135	Rp 1 1/4		—	—	140	175	M12	150	—	—
BGN 17 DSPGN	545	255	290	595	215	380	245	—	730	110	285	126	95	Rp 1	—	—	—	105	—	M8	130	—	—
BGN 26 DSPGN	545	255	290	530	215	315	180	—	850	130	315	135	114	Rp 1		—	—	120	145	M10	145	—	—
BGN 34	410	180	230	645	270	375	215	—	870	150	330	155	135	Rp 1 1/4	—	—	—	140	175	M12	165	—	—
BGN 34 P	410	180	230	745	270	475	215	—	940	150	330	155	135	Rp 1 1/4		—	—	140	175	M12	165	—	—
BGN 34 DSPGN	540	250	290	605	270	335	200	—	925	150	330	155	135	Rp 1 1/2	—	—	—	140	175	M12	165	—	—
BGN 40 P	470	220	250	690	295	395	200	—	1100	150	330	155	135	Rp 1 1/4		—	—	140	175	M12	165	—	—
BGN 40 DSPGN	540	290	250	690	295	395	205	—	1100	150	330	155	135	Rp 1 1/2	—	—	—	140	175	M12	165	—	—
BGN 50	470	220	250	780	295	485	245	—	1150	210	400	170	135	Rp 1 1/2		—	—	140	175	M12	180	—	—
BGN 60 P	560	250	310	845	365	480	240	—	1270	170	400	205	160	Rp 1 1/2	—	—	—	165	—	M12	190	—	—
BGN 60 DSPGN	630	320	310	800	365	435	240	—	1270	170	400	205	160	Rp 2		—	—	165	—	M12	190	—	—
BGN 100 P	560	250	310	845	365	480	240	—	1330	240	460	230	160	Rp 2	—	—	—	165	—	M12	190	—	—
BGN 100 DSPGN	630	320	310	815	365	450	255	—	1330	240	460	230	160	Rp 2		—	—	165	—	M12	190	—	—
BGN 120 P	590	250	340	865	365	500	260	—	1400	220	440	270	195	Rp 2	—	—	—	195	—	M16	220	—	—
BGN 120 DSPGN	660	320	340	855	365	490	295	—	1400	220	440	270	195	Rp 2		—	—	195	—	M16	220	—	—
BGN 150 P	655	290	365	950	450	500	260	—	1500	220	440	270	195	Rp 2	—	—	—	195	—	M16	220	—	—
BGN 150 DSPGN	655	290	365	990	450	540	295	—	1500	220	440	270	195	Rp 2		—	—	195	—	M16	220	—	—
BGN 200 P	830	395	435	1130	580	550	305	—	1850	300	600	320	220	DN65	—	—	—	240	—	M16	240	—	—
BGN 200 DSPGN	830	395	435	1300	580	720	430	—	1850	300	600	320	220	DN65		—	—	240	—	M16	240	—	—
BGN 250 P	875	395	480	1175	580	595	305	—	1850	300	600	320	220	DN80	—	—	—	240	—	M16	240	—	—
BGN 250 DSPGN	875	395	480	1235	580	655	365	—	1850	300	600	320	220	Rp 2		—	—	240	—	M16	240	—	—
BGN 300 P	875	395	480	1205	580	625	335	—	1850	275	465	320	275	Rp 2	—	—	—	490	—	M20	340	—	—
BGN 300 DSPGN	875	395	480	1265	580	685	395	—	1850	275	465	320	275	Rp 2		—	—	490	—	M20	390	—	—
BGN 350 P	880	400	480	1265	580	685	395	—	1850	275	465	356	275	DN65	—	—	—	490	—	M20	390	—	—
BGN 350 DSPGN	880	400	480	1270	580	690	395	—	1850	275	465	356	275	Rp 2		—	—	490	—	M20	390	—	—
GI 350 DSPGN	1160	490	670	1585	750	835	545	—	1970	230	600	355	325	DN65	—	—	—	480	—	M20	375	—	—
GI 420 DSPGN	1175	490	685	1530	750	780	490	—	2030	320	625	400	355	DN65		—	—	520	—	M20	420	—	—
GI 510 DSPGN	1175	490	685	1540	750	790	495	—	2030	320	625	400	355	DN80	—	—	—	520	—	M20	420	—	—
GI 1000 DSPGN	1235	570	665	1257	855	402	200	275	2060	440	—	480	685	DN100		—	—	630	—	M16	495	1360	795

Notes

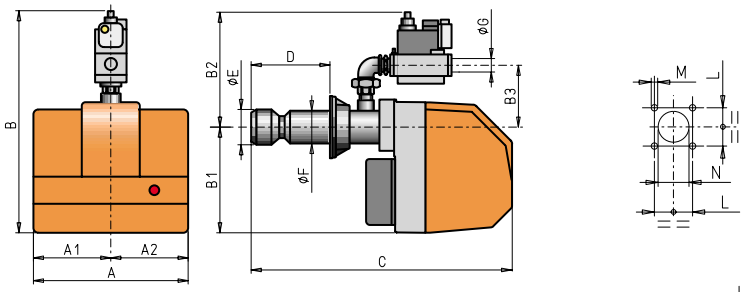
*) Sizes B, B2, B3, B4, G and G1 regard burner fitted with standard gas train.



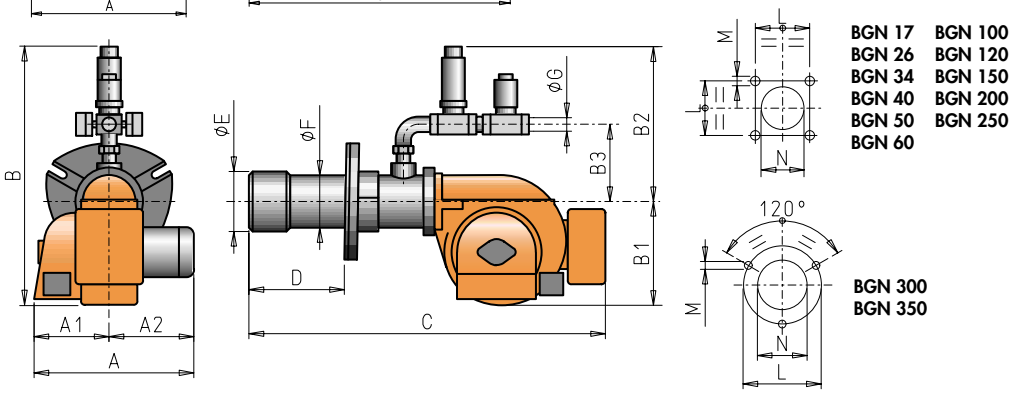
BTG 3 - 3,6 - 6 - 11



SPARKGAS 20W - 20PW
SPARKGAS 30W - 30PW
SPARKGAS 35W - 35PW



SPARKGAS 20 - 20P
SPARKGAS 30 - 30P
SPARKGAS 35 - 35P



BGN 17 BGN 100
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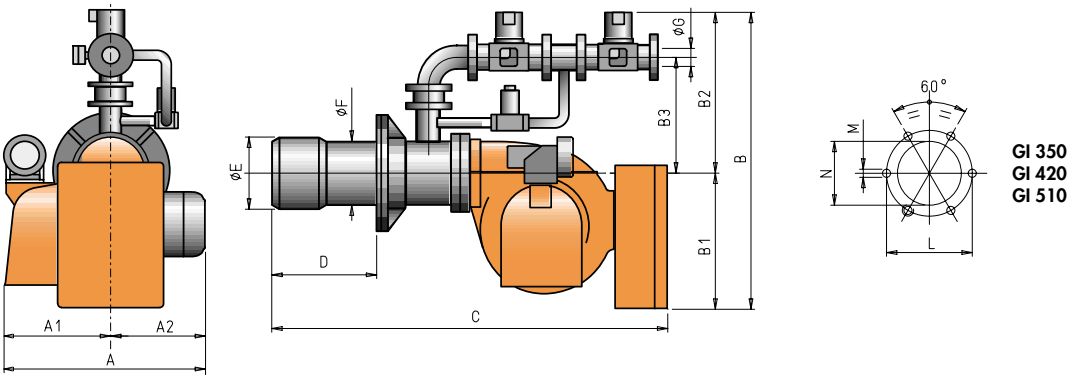
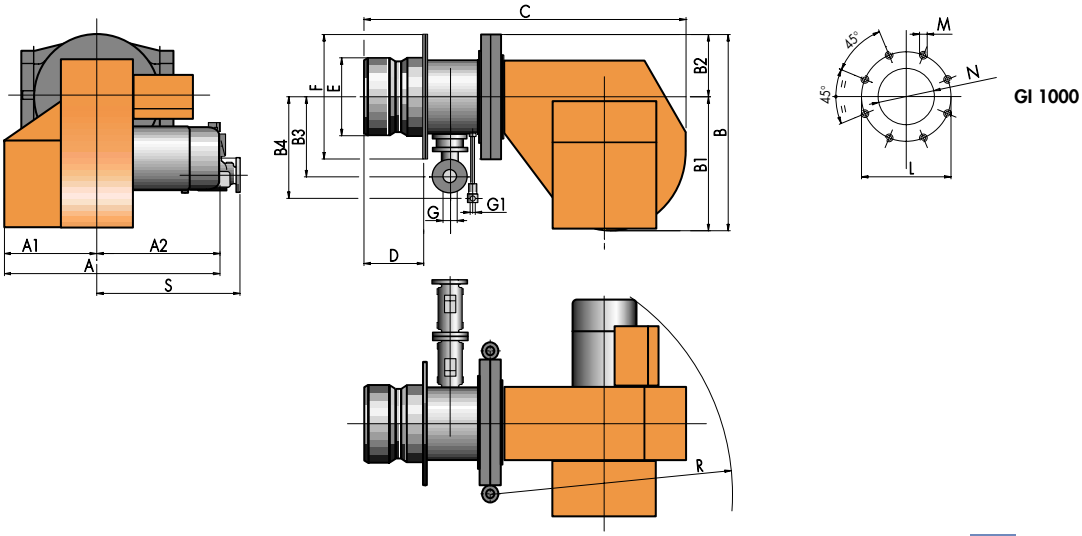
BGN 34 BGN 150
BGN 40 BGN 200
BGN 50 BGN 250
BGN 60

BGN 300
BGN 350



GI 350
GI 420
GI 510



GI 1000

Conversion from progressive two-stage to modulating

By inserting the RWF40 kit and the modulating kit into the two progressive stage burners, these are trasformed into modulating burners, that is, with the capacity to provide thermal power which can be varied continuously in accordance with the specific needs of the boiler.
Naturally, the thermal power level varies only within the "minimum" and "maximum" limits applying to the burner.

Modulating kit table

Temperature 0°C ÷ 130 °C
Temperature 0°C ÷ 500 °C
Temperature 0°C ÷ 1100 °C
Steam pressure 0 ÷ 1 bar
Steam pressure 0 ÷ 10 bar
Steam pressure 0 ÷ 16 bar
Steam pressure 0 ÷ 25 bar
Steam pressure 0 ÷ 40 bar

Selecting modulation kit components

With reference to parameter: temperature (°C) or pressure (bar), select the regulation range corresponding to the operating value of the boiler. When the value falls within two different setting ranges, select the lower of the two.

Example:
If the temperature of the water in the boiler is to be 100°C, choose the modulation kit corresponding to range 0÷130°C. If the pressure of the steam in the boiler is to be 8 bar, select the modulation kit in the regulation range 0÷10 bar.

RWF40 power regulator

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