BPG

Technical Information

Rotary lobe blower Bareshaft

PEDRO GIL

An Ingersoll Rand Business



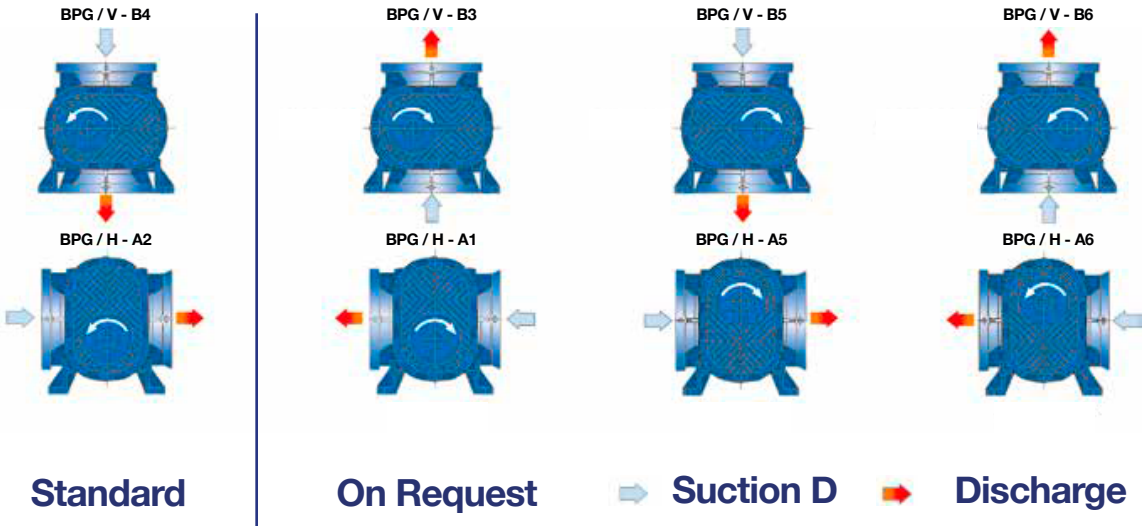
PEDRO GIL, S.L. has a worldwide presence with facilities in Barcelona.

PEDRO GIL, celebrates the century on 1997 and is worldwide well known as a manufacture of Roots blowers,vacuum pumps and vacuum systems. Our mission is giving the best service to the customer, and pursuit the excellence.

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BPG - Versions



BPG - Materials (basic execution)

		BLOWER SIZE	
Details	Standars	15-106	115-225
Rotors	UNI-EN. DIN. ASTM	UNI-EN 1563 GJS 400-15 • DIN 1696 0.7040 • A 536-84 GR 60-40-18	
Shafts	UNI-EN. DIN. ASTM	UNI-EN 1563 GJS 400-15 • DIN 1696 0.7040 • A 536-84 GR 60-40-18	UNI-EN 10083/1 C40 • DIN 17200 1.1186 • A 576-86 GR 10-40
Casing	UNI-EN. DIN. ASTM	UNI-EN 1561 G250 • DIN 1691 0.6020 • A 48 GR 30	
Covers	UNI-EN. DIN. ASTM	UNI-EN 1561 G250 • DIN 1691 0.6020 • A 48 GR 30	
Gears	UNI-EN. DIN. ASTM	UNI-EN 10084 18NiCrMo 5 • DIN 17212 1.6523 • A 534 Cl 4720	

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Performances

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Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
300	Q1	m³/min	0.9	1.2	1.6	2.0	2.4	3.1	3.5	3.9	4.1	4.6
	DT	°C	46	40	36	34	32	31	30	29	29	29
	Nsof	kW	1.0	1.2	1.5	1.7	2.0	2.4	2.7	2.9	3.1	3.4
	Nmot	kW	1.5	1.5	2.2	2.2	3	3	4	4	4	4
	Lp(A) sc		73	75	77	79	80	82	84	85	85	86
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min	0.7	1.1	1.5	1.9	2.3	3.0	3.4	3.8	4.0	4.4
	DT	°C	71	60	52	48	45	43	41	40	40	39
	Nsof	kW	1.3	1.5	1.9	2.2	2.5	3.0	3.4	3.7	3.9	4.2
	Nmot	kW	2.2	2.2	3	3	4	4	5.5	5.5	5.5	5.5
	Lp(A) sc		74	76	78	80	81	83	84	85	86	87
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
500	Q1	m³/min	0.6	1.0	1.4	1.8	2.2	2.9	3.3	3.7	3.9	4.3
	DT	°C	103	82	70	63	59	55	53	52	51	50
	Nsof	kW	1.5	1.8	2.3	2.7	3.1	3.7	4.1	4.5	4.7	5.1
	Nmot	kW	2.2	2.2	3	4	4	5.5	5.5	5.5	5.5	7.5
	Lp(A) sc		74	76	78	80	82	84	85	86	86	87
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
600	Q1	m³/min		0.9	1.3	1.7	2.1	2.8	3.2	3.6	3.8	4.3
	DT	°C		109	90	80	74	68	66	64	63	62
	Nsof	kW		2.2	2.6	3.1	3.6	4.3	4.8	5.3	5.5	6.0
	Nmot	kW		3	4	4	5.5	5.5	5.5	7.5	7.5	7.5
	Lp(A) sc			77	79	81	82	84	85	86	87	88
	Lp(A) cc			<70	<70	<70	<70	<70	<70	<70	<70	<70
700	Q1	m³/min				1.6	2.1	2.7	3.1	3.5	3.7	4.2
	DT	°C				98	90	82	79	76	75	73
	Nsof	kW				3.6	4.1	5.0	5.5	6.1	6.3	6.9
	Nmot	kW				5.5	5.5	7.5	7.5	7.5	7.5	11
	Lp(A) sc					81	83	85	86	87	87	88
	Lp(A) cc					<70	<70	<70	<70	<70	<70	<70
800	Q1	m³/min					2.0	2.6	3.0	3.5	3.7	4.1
	DT	°C					106	97	92	89	88	86
	Nsof	kW					4.7	5.6	6.2	6.8	7.1	7.8
	Nmot	kW					5.5	7.5	7.5	11	11	11
	Lp(A) sc						83	85	86	87	88	89
	Lp(A) cc						<70	<70	<70	<70	<70	<70
900	Q1	m³/min							3.0	3.4	3.6	4.0
	DT	°C							106	102	101	98
	Nsof	kW							6.9	7.6	8.0	8.7
	Nmot	kW							11	11	11	11
	Lp(A) sc								87	88	88	89
	Lp(A) cc								<70	<70	<70	<70
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

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Performances

BPG 15

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
200	Q1	m³/min	0.9	1.2	1.6	2.0	2.4	3.1	3.5	3.9	4.1	4.6
	DT	°C	36	32	29	27	26	25	24	24	24	24
	Nsof	kW	0.7	0.9	1.1	1.3	1.5	1.8	2.0	2.2	2.3	2.5
	Nmot	kW	1	1.5	1.5	2.2	2.2	2.2	3	3	3	3
	Lp(A) sc		73	75	77	79	80	82	83	84	85	86
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
250	Q1	m³/min	0.8	1.1	1.6	2.0	2.4	3.0	3.5	3.9	4.1	4.5
	DT	°C	54	46	41	38	36	34	34	33	33	32
	Nsof	kW	0.9	1.0	1.3	1.5	1.7	2.1	2.3	2.6	2.7	2.9
	Nmot	kW	1.5	1.5	2.2	2.2	2.2	3	3	4	4	4
	Lp(A) sc		73	75	77	79	81	83	84	85	85	86
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
300	Q1	m³/min	0.7	1.0	1.5	1.9	2.3	2.9	3.4	3.8	4.0	4.4
	DT	°C	79	65	57	52	49	46	44	43	43	42
	Nsof	kW	1.0	1.2	1.5	1.7	2.0	2.4	2.7	2.9	3.1	3.4
	Nmot	kW	1.5	1.5	2.2	2.2	3	3	4	4	4	4
	Lp(A) sc		74	76	78	80	81	83	84	85	86	87
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
350	Q1	m³/min		0.9	1.3	1.8	2.2	2.8	3.3	3.7	3.9	4.3
	DT	°C		91	76	69	64	60	58	56	55	54
	Nsof	kW		1.4	1.7	2.0	2.3	2.7	3.0	3.3	3.5	3.8
	Nmot	kW		2.2	2.2	3	3	4	4	4	5.5	5.5
	Lp(A) sc			76	78	80	82	84	85	86	86	87
	Lp(A) cc			<70	<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min			1.2	1.7	2.1	2.7	3.1	3.6	3.8	4.2
	DT	°C			103	91	83	77	74	71	70	69
	Nsof	kW			1.9	2.2	2.5	3.0	3.4	3.7	3.9	4.2
	Nmot	kW			3	3	4	4	5.5	5.5	5.5	5.5
	Lp(A) sc				79	81	82	84	86	87	87	88
	Lp(A) cc				<70	<70	<70	<70	<70	<70	<70	<70
450	Q1	m³/min					2.0	2.6	3.0	3.5	3.7	4.1
	DT	°C					108	98	94	90	89	87
	Nsof	kW					2.8	3.4	3.7	4.1	4.3	4.7
	Nmot	kW					4	4	5.5	5.5	5.5	5.5
	Lp(A) sc						83	85	86	87	88	89
	Lp(A) cc						<70	<70	<70	<70	<70	<70
500	Q1	m³/min										4.0
	DT	°C										109
	Nsof	kW										5.1
	Nmot	kW										7.5
	Lp(A) sc											89
	Lp(A) cc											<70
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

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Performances

BPG 25

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
300	Q1	m³/min	1.1	1.5	2.0	2.6	3.1	3.9	4.5	5.0	5.3	5.8
	DT	°C	46	40	36	34	32	31	30	29	29	29
	Nsof	kW	1.4	1.7	2.0	2.4	2.8	3.3	3.7	4.1	4.3	4.6
	Nmot	kW	2.2	2.2	3	3	4	4	5.5	5.5	5.5	5.5
	Lp(A) sc		76	78	80	82	83	85	87	88	88	89
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min	0.9	1.4	1.9	2.4	3.0	3.8	4.3	4.9	5.1	5.7
	DT	°C	71	59	52	48	45	42	41	40	40	39
	Nsof	kW	1.7	2.1	2.5	3.0	3.5	4.1	4.6	5.1	5.3	5.8
	Nmot	kW	2.2	3	3	4	5.5	5.5	5.5	7.5	7.5	7.5
	Lp(A) sc		77	79	81	83	84	86	87	88	89	90
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
500	Q1	m³/min	0.6	1.0	1.4	1.8	2.2	2.9	3.3	3.7	3.9	4.3
	DT	°C		1.2	1.8	2.3	2.8	3.7	4.2	4.7	5.0	5.5
	Nsof	kW		82	70	63	59	55	53	52	51	50
	Nmot	kW		2.5	3.0	3.6	4.1	5.0	5.5	6.1	6.3	6.9
	Lp(A) sc			79	81	83	85	87	88	89	89	90
	Lp(A) cc			<70	<70	<70	<70	<70	<70	<70	<70	<70
600	Q1	m³/min			1.6	2.2	2.7	3.5	4.1	4.6	4.9	5.4
	DT	°C			89	80	74	68	66	64	63	62
	Nsof	kW			3.5	4.2	4.8	5.8	6.4	7.0	7.4	8.0
	Nmot	kW			5.5	5.5	5.5	7.5	7.5	11	11	11
	Lp(A) sc				82	84	85	87	88	89	90	91
	Lp(A) cc				<70	<70	<70	<70	<70	<70	<70	<70
700	Q1	m³/min					2.6	3.4	4.0	4.5	4.8	5.3
	DT	°C					89	82	79	76	75	73
	Nsof	kW					5.5	6.6	7.3	8.0	8.4	9.1
	Nmot	kW					7.5	7.5	11	11	11	11
	Lp(A) sc						86	88	89	90	90	91
	Lp(A) cc						<70	<70	<70	<70	<70	<70
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

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Performances

BPG 25

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
200	Q1	m³/min	1.2	1.6	2.1	2.7	3.2	4.0	4.5	5.1	5.4	5.9
	DT	°C	36	32	29	27	26	25	24	24	24	24
	Nsof	kW	1.1	1.3	1.5	1.8	2.1	2.5	2.8	3.1	3.2	3.5
	Nmot	kW	1.5	1.5	2.2	2.2	3	3	4	4	4	5.5
	Lp(A) sc		76	78	80	82	83	85	86	87	88	89
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
250	Q1	m³/min	1.0	1.4	2.0	2.5	3.1	3.9	4.4	5.0	5.2	5.8
	DT	°C	53	46	41	38	36	34	34	33	33	32
	Nsof	kW	1.2	1.5	1.8	2.1	2.4	2.9	3.3	3.6	3.7	4.1
	Nmot	kW	1.5	2.2	2.2	3	3	4	4	5.5	5.5	5.5
	Lp(A) sc		76	78	80	82	84	86	87	88	88	89
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
300	Q1	m³/min	0.9	1.3	1.9	2.4	2.9	3.7	4.3	4.8	5.1	5.6
	DT	°C	78	65	56	52	49	46	44	43	43	42
	Nsof	kW	1.4	1.7	2.0	2.4	2.8	3.3	3.7	4.1	4.3	4.6
	Nmot	kW	2.2	2.2	3	3	4	4	5.5	5.5	5.5	5.5
	Lp(A) sc		77	79	81	83	84	86	87	88	89	90
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
350	Q1	m³/min			1.7	2.3	2.8	3.6	4.2	4.7	5.0	5.5
	DT	°C			76	69	64	59	57	56	55	54
	Nsof	kW			2.3	2.7	3.1	3.7	4.2	4.6	4.8	5.2
	Nmot	kW			3	4	4	5.5	5.5	5.5	5.5	7.5
	Lp(A) sc				81	83	85	87	88	89	89	90
	Lp(A) cc				<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min					2.7	3.5	4.0	4.6	4.8	5.4
	DT	°C					83	76	74	71	70	69
	Nsof	kW					3.5	4.1	4.6	5.1	5.3	5.8
	Nmot	kW					5.5	5.5	5.5	7.5	7.5	7.5
	Lp(A) sc						85	87	89	90	90	91
	Lp(A) cc						<70	<70	<70	<70	<70	<70
450	Q1	m³/min									4.7	5.2
	DT	°C									89	87
	Nsof	kW									5.8	6.3
	Nmot	kW									7.5	7.5
	Lp(A) sc										91	92
	Lp(A) cc										<70	<70
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

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Performances

BPG 35

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
300	Q1	m³/min	1.9	2.5	3.3	4.1	4.9	6.1	6.9	7.7	8.1	8.9
	DT	°C	39	36	33	31	30	29	29	28	28	28
	Nsof	kW	1.6	1.9	2.4	2.9	3.4	4.3	5.0	5.7	6.1	6.9
	Nmot	kW	2.2	3	3	4	5.5	5.5	7.5	7.5	7.5	11
	Lp(A) sc		<70	70	74	76	79	82	84	85	86	87
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min	1.7	2.3	3.1	3.9	4.7	5.9	6.7	7.5	7.9	8.7
	DT	°C	57	51	46	44	42	40	39	39	38	38
	Nsof	kW	2.1	2.5	3.1	3.7	4.4	5.5	6.3	7.1	7.6	8.5
	Nmot	kW	3	3	4	5.5	5.5	7.5	7.5	11	11	11
	Lp(A) sc		<70	72	75	78	80	83	85	87	88	89
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
500	Q1	m³/min	1.6	2.2	3.0	3.8	4.6	5.8	6.6	7.4	7.8	8.6
	DT	°C	78	68	61	57	54	51	50	49	49	48
	Nsof	kW	2.6	3.1	3.8	4.6	5.4	6.7	7.6	8.6	9.1	10.2
	Nmot	kW	4	4	5.5	5.5	7.5	7.5	11	11	11	15
	Lp(A) sc		70	73	76	79	82	85	87	88	89	90
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
600	Q1	m³/min	1.4	2.0	2.8	3.6	4.4	5.6	6.4	7.2	7.6	8.4
	DT	°C	103	87	77	71	67	63	62	60	60	59
	Nsof	kW	3.1	3.7	4.6	5.5	6.4	7.9	9.0	10.1	10.7	11.9
	Nmot	kW	4	5.5	5.5	7.5	7.5	11	11	15	15	15
	Lp(A) sc		71	74	78	81	83	86	88	90	90	92
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
700	Q1	m³/min		1.9	2.7	3.5	4.3	5.5	6.3	7.1	7.5	8.3
	DT	°C		108	93	85	80	75	73	71	71	69
	Nsof	kW		4.3	5.3	6.3	7.4	9.1	10.3	11.5	12.2	13.5
	Nmot	kW		5.5	7.5	7.5	11	11	15	15	15	18.5
	Lp(A) sc			76	79	82	84	87	89	91	92	93
	Lp(A) cc			<70	<70	<70	<70	<70	<70	<70	<70	71
800	Q1	m³/min			2.6	3.4	4.2	5.4	6.2	7.0	7.4	8.2
	DT	°C			111	101	94	88	85	83	82	81
	Nsof	kW			6.0	7.2	8.4	10.3	11.6	13.0	13.7	15.2
	Nmot	kW			7.5	11	11	15	15	15	18.5	18.5
	Lp(A) sc				80	83	85	89	90	92	93	94
	Lp(A) cc				<70	<70	<70	<70	<70	<70	71	72
900	Q1	m³/min				3.3	4.1	5.0	6.1	6.9	7.3	8.1
	DT	°C				117	109	101	98	95	94	92
	Nsof	kW				8.1	9.4	11.5	13.0	14.5	15.3	16.9
	Nmot	kW				11	11	15	15	18.5	18.5	22
	Lp(A) sc					84	87	90	91	93	94	95
	Lp(A) cc					<70	<70	<70	<70	71	72	73
1000	Q1	m³/min					4.0	5.2	6.0	6.8	7.2	8.0
	DT	°C					124	114	110	107	106	103
	Nsof	kW					10.4	12.7	14.3	15.9	16.8	18.5
	Nmot	kW					15	15	18.5	18.5	22	22
	Lp(A) sc						88	91	93	94	95	96
	Lp(A) cc						<70	<70	71	72	73	74

PEDRO GIL

Performances

BPG 35

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
200	Q1	m³/min	2.0	2.6	3.4	4.2	5.0	6.2	7.0	7.8	8.2	9.0
	DT	°C	31	29	27	25	25	24	24	23	23	23
	Nsof	kW	1.1	1.3	1.6	2.0	2.4	3.1	3.6	4.2	4.5	5.2
	Nmot	kW	1.5	2.2	2.2	3	3	4	5.5	5.5	5.5	7.5
	Lp(A) sc		<70	<70	73	76	78	81	83	84	85	87
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
250	Q1	m³/min	1.8	2.1	3.2	4.0	4.8	6.0	6.8	7.6	8.0	8.8
	DT	°C	45	40	37	35	34	33	32	32	31	31
	Nsof	kW	1.3	1.6	2.0	2.4	2.9	3.7	4.3	4.9	5.3	6.0
	Nmot	kW	2.2	2.2	3	3	4	5.5	5.5	7.5	7.5	7.5
	Lp(A) sc		<70	71	74	77	79	82	84	86	86	88
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
300	Q1	m³/min	1.7	2.3	3.1	3.9	4.7	5.9	6.7	7.5	7.9	8.7
	DT	°C	62	55	50	47	45	43	42	41	41	41
	Nsof	kW	1.6	1.9	2.4	2.9	3.4	4.3	5.0	5.7	6.1	6.9
	Nmot	kW	2.2	3	3	4	5.5	5.5	7.5	7.5	7.5	11
	Lp(A) sc		<70	72	75	78	81	84	86	87	88	89
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
350	Q1	m³/min	1.5	2.1	2.9	3.7	4.5	5.7	6.5	7.3	7.7	8.5
	DT	°C	86	74	66	62	58	55	54	53	53	52
	Nsof	kW	1.8	2.2	2.7	3.3	3.9	4.9	5.6	6.4	6.8	7.7
	Nmot	kW	2.2	3	4	4	5.5	5.5	7.5	7.5	11	11
	Lp(A) sc		70	74	77	80	82	85	87	89	89	91
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	<70
400	Q1	m³/min	1.4	2.0	2.8	3.6	4.4	5.6	6.4	7.2	7.6	8.4
	DT	°C	119	100	87	80	75	71	69	67	66	65
	Nsof	kW	2.1	2.5	3.1	3.7	4.4	5.5	6.3	7.1	7.6	8.5
	Nmot	kW	3	3	4	5.5	5.5	7.5	7.5	11	11	11
	Lp(A) sc		72	75	79	81	84	87	89	90	91	92
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	70
450	Q1	m³/min			2.6	3.4	4.2	5.4	6.2	7.0	7.4	8.2
	DT	°C			113	102	96	89	86	84	83	82
	Nsof	kW			3.5	4.2	4.9	6.1	7.0	7.9	8.4	9.4
	Nmot	kW			5.5	5.5	5.5	7.5	11	11	11	11
	Lp(A) sc				80	83	86	89	90	92	93	94
	Lp(A) cc				<70	<70	<70	<70	<70	70	71	72
500	Q1	m³/min					4.0	5.2	6.0	6.8	7.2	8.0
	DT	°C					122	113	109	105	104	102
	Nsof	kW					5.4	6.7	7.6	8.6	9.1	10.2
	Nmot	kW					7.5	7.5	11	11	11	15
	Lp(A) sc						88	91	92	94	95	96
	Lp(A) cc						<70	<70	70	72	73	74
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 45

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
300	Q1	m³/min	2.9	3.7	4.8	5.9	7.1	8.7	9.9	11.0	11.5	12.7
	DT	°C	37	34	32	30	30	29	28	28	28	27
	Nsof	kW	2.6	3.2	3.9	4.6	5.3	6.3	7.0	7.7	8.1	8.8
	Nmot	kW	4	4	5.5	5.5	7.5	7.5	11	11	11	11
	Lp(A) sc		74	77	81	84	86	89	91	92	93	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	70	71	73
400	Q1	m³/min	2.6	3.5	4.6	5.7	6.8	8.5	9.6	10.8	11.3	12.4
	DT	°C	53	48	44	42	41	39	38	38	38	37
	Nsof	kW	3.3	4.0	4.9	5.8	6.7	8.0	8.9	9.8	10.2	11.1
	Nmot	kW	4	5.5	5.5	7.5	7.5	11	11	11	15	15
	Lp(A) sc		76	79	82	85	88	91	92	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	72	73	74
500	Q1	m³/min	2.5	3.3	4.4	5.5	6.7	8.3	9.5	10.6	11.1	12.3
	DT	°C	71	63	58	54	52	50	49	48	48	47
	Nsof	kW	4.0	4.8	5.9	7.0	8.1	9.7	10.7	11.8	12.3	13.4
	Nmot	kW	5.5	5.5	7.5	11	11	11	15	15	15	15
	Lp(A) sc		77	80	84	87	89	92	94	96	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	74	74	76
600	Q1	m³/min	2.3	3.1	4.3	5.4	6.5	8.2	9.3	10.4	11.0	12.1
	DT	°C	91	80	72	67	64	61	60	59	58	57
	Nsof	kW	4.7	5.7	6.9	8.2	9.5	11.3	12.6	13.9	14.5	15.8
	Nmot	kW	5.5	7.5	11	11	11	15	15	18.5	18.5	18.5
	Lp(A) sc		79	82	85	88	90	94	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	72	73	75	76	77
700	Q1	m³/min		3.0	4.1	5.2	6.3	8.0	9.1	10.3	10.8	11.9
	DT	°C		98	87	81	77	73	71	69	69	68
	Nsof	kW		6.5	8.0	9.4	10.9	13.0	14.5	15.9	16.6	18.1
	Nmot	kW		7.5	11	11	15	15	18.5	18.5	22	22
	Lp(A) sc			83	87	89	92	95	97	98	99	100
	Lp(A) cc			<70	<70	<70	<70	73	75	76	77	78
800	Q1	m³/min			4.0	5.1	6.2	7.9	9.0	10.1	10.7	11.8
	DT	°C			103	95	90	85	82	80	80	78
	Nsof	kW			9.0	10.6	12.3	14.7	16.3	18.0	18.8	20.4
	Nmot	kW			11	15	15	18.5	18.5	22	22	30
	Lp(A) sc				88	91	93	96	98	99	100	102
	Lp(A) cc				<70	<70	71	74	76	77	78	80
900	Q1	m³/min				4.9	6.1	7.7	8.9	10.0	10.5	11.7
	DT	°C				110	103	97	94	92	91	89
	Nsof	kW				11.8	13.7	16.4	18.2	20.0	20.9	22.8
	Nmot	kW				15	18.5	18.5	22	30	30	30
	Lp(A) sc					92	94	97	99	101	101	103
	Lp(A) cc					<70	72	75	77	79	79	81
1000	Q1	m³/min						7.6	8.7	9.9	10.4	11.5
	DT	°C						109	106	103	102	100
	Nsof	kW						18.1	20.1	22.1	23.1	25.1
	Nmot	kW						22	30	30	30	30
	Lp(A) sc							98	100	102	102	104
	Lp(A) cc							76	78	80	80	82

PEDRO GIL

Performances

BPG 45

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
200	Q1	m³/min	3.0	3.8	4.9	6.1	7.2	8.9	10.0	11.1	11.7	12.8
	DT	°C	29	27	26	25	24	23	23	23	23	23
	Nsof	kW	1.9	2.3	2.8	3.3	3.9	4.6	5.1	5.6	5.9	6.4
	Nmot	kW	3	3	4	4	5.5	5.5	7.5	7.5	7.5	7.5
	Lp(A) sc		73	76	80	83	85	88	90	92	92	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	70	72
250	Q1	m³/min	2.8	3.6	4.7	5.9	7.0	8.7	9.8	10.9	11.5	12.6
	DT	°C	41	38	36	34	33	32	31	31	31	31
	Nsof	kW	2.3	2.7	3.3	3.9	4.6	5.5	6.1	6.7	7.0	7.6
	Nmot	kW	3	4	4	5.5	5.5	7.5	7.5	7.5	11	11
	Lp(A) sc		75	78	81	84	87	90	91	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	73
300	Q1	m³/min	2.6	3.4	4.6	5.7	6.8	8.5	9.6	10.7	11.3	12.4
	DT	°C	57	52	48	45	44	42	41	41	40	40
	Nsof	kW	2.6	3.2	3.9	4.6	5.3	6.3	7.0	7.7	8.1	8.8
	Nmot	kW	4	4	5.5	5.5	7.5	7.5	11	11	11	11
	Lp(A) sc		76	79	83	86	88	91	93	94	95	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	75
350	Q1	m³/min	2.4	3.2	4.4	5.5	6.6	8.3	9.4	10.5	11.1	12.2
	DT	°C	77	69	62	59	56	54	53	52	51	51
	Nsof	kW	3.0	3.6	4.4	5.2	6.0	7.1	7.9	8.7	9.1	9.9
	Nmot	kW	4	5.5	5.5	7.5	7.5	11	11	11	11	15
	Lp(A) sc		78	81	84	87	90	93	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	74	75	76
400	Q1	m³/min	2.2	3.0	4.2	5.3	6.4	8.1	9.2	10.3	10.9	12.0
	DT	°C	104	91	81	75	72	68	67	65	65	64
	Nsof	kW	3.3	4.0	4.9	5.8	6.7	8.0	8.9	9.8	10.2	11.1
	Nmot	kW	4	5.5	5.5	7.5	7.5	11	11	11	15	15
	Lp(A) sc		80	83	86	89	91	94	96	98	98	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	76	76	78
450	Q1	m³/min			3.9	5.1	6.2	7.9	9.0	10.1	10.7	11.8
	DT	°C			104	96	91	86	83	82	81	79
	Nsof	kW			5.4	6.4	7.4	8.8	9.8	10.8	11.3	12.3
	Nmot	kW			7.5	7.5	11	11	11	15	15	15
	Lp(A) sc				88	91	93	96	98	100	100	102
	Lp(A) cc				<70	<70	71	74	76	78	78	80
500	Q1	m³/min						7.6	8.8	9.9	10.4	11.6
	DT	°C						108	104	102	101	99
	Nsof	kW						9.7	10.7	11.8	12.3	13.4
	Nmot	kW						11	15	15	15	15
	Lp(A) sc							98	100	102	102	104
	Lp(A) cc							76	78	80	80	82
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 46

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
300	Q1	m³/min	4.6	5.8	7.5	9.1	10.8	13.2	14.9	16.6	17.4	19.0
	DT	°C	34	32	30	29	29	28	27	27	27	27
	Nsof	kW	3.5	4.3	5.5	6.7	7.9	9.9	11.3	12.8	13.5	15.1
	Nmot	kW	5.5	5.5	7.5	7.5	11	15	15	15	18.5	18.5
	Lp(A) sc		77	80	84	86	89	92	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	73	74	75
400	Q1	m³/min	4.3	5.6	7.2	8.9	10.5	13.0	14.7	16.3	17.1	18.8
	DT	°C	47	44	42	40	39	38	37	37	37	36
	Nsof	kW	4.6	5.6	7.0	8.4	10.0	12.4	14.1	15.8	16.7	18.5
	Nmot	kW	5.5	7.5	11	11	15	15	18.5	18.5	22	22
	Lp(A) sc		79	82	85	88	90	93	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	76	77
500	Q1	m³/min	4.1	5.3	7.0	6.6	10.3	12.8	14.4	16.1	16.9	18.6
	DT	°C	62	57	54	51	50	48	47	47	46	46
	Nsof	kW	5.6	6.8	8.5	10.2	12.0	14.9	16.8	18.8	19.9	22.0
	Nmot	kW	7.5	11	11	15	15	18.5	22	22	30	30
	Lp(A) sc		80	83	86	89	92	95	97	98	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	76	77	78
600	Q1	m³/min	3.9	5.1	6.8	8.4	10.1	12.6	14.2	15.9	16.7	18.4
	DT	°C	79	72	66	63	61	59	58	57	56	56
	Nsof	kW	6.6	8.0	10.0	12.0	14.1	17.3	19.6	21.9	23.0	25.4
	Nmot	kW	7.5	11	15	15	18.5	22	22	30	30	30
	Lp(A) sc		81	84	88	91	93	96	98	100	100	102
	Lp(A) cc		<70	<70	<70	<70	71	74	76	78	78	80
700	Q1	m³/min		5.0	6.6	8.3	9.9	12.4	14.0	15.7	16.5	18.2
	DT	°C		87	79	75	72	69	68	67	66	66
	Nsof	kW		9.3	11.5	13.8	16.2	19.8	22.3	24.9	26.2	28.8
	Nmot	kW		11	15	18.5	18.5	30	30	30	30	37
	Lp(A) sc			86	89	92	94	97	99	101	102	103
	Lp(A) cc			<70	<70	<70	72	75	77	79	80	81
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 46

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	5000
200	Q1	m³/min	4.7	6.0	7.6	9.3	10.9	13.4	15.0	16.7	17.5	19.2
	DT	°C	27	26	25	24	23	23	23	22	22	22
	Nsof	kW	2.5	3.1	3.9	4.9	5.8	7.4	8.5	9.7	10.4	11.6
	Nmot	kW	3	4	5.5	5.5	7.5	11	11	11	15	15
	Lp(A) sc		76	79	83	86	88	91	93	94	95	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	75
250	Q1	m³/min	4.5	5.7	7.4	9.0	10.7	13.2	14.8	16.5	17.3	18.9
	DT	°C	38	36	34	33	32	31	31	30	30	30
	Nsof	kW	3.0	3.7	4.7	5.8	6.9	8.7	9.9	11.3	11.9	13.4
	Nmot	kW	4	5.5	5.5	7.5	11	11	15	15	15	15
	Lp(A) sc		78	81	84	87	89	92	94	96	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	74	74	76
300	Q1	m³/min	4.3	5.5	7.2	8.8	10.5	12.9	14.6	16.2	17.1	18.7
	DT	°C	51	48	45	43	42	40	40	39	39	39
	Nsof	kW	3.5	4.3	5.5	6.7	7.9	9.9	11.3	12.8	13.5	15.1
	Nmot	kW	5.5	5.5	7.5	7.5	11	15	15	15	18.5	18.5
	Lp(A) sc		79	82	85	88	91	94	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	75	76	77
350	Q1	m³/min	4.0	5.3	6.9	8.6	10.2	12.7	14.4	16.0	16.8	18.5
	DT	°C	68	62	58	55	54	52	51	50	50	49
	Nsof	kW	4.0	5.0	6.2	7.5	8.9	11.1	12.7	14.3	15.1	16.8
	Nmot	kW	5.5	7.5	7.5	11	11	15	15	18.5	18.5	22
	Lp(A) sc		80	84	87	90	92	95	97	99	99	101
	Lp(A) cc		<70	<70	<70	<70	70	73	75	77	77	79
400	Q1	m³/min	3.8	5.0	6.7	8.3	10.0	12.5	14.1	15.8	16.6	18.2
	DT	°C	89	81	74	70	68	65	64	63	63	62
	Nsof	kW	4.6	5.6	7.0	8.4	10.0	12.4	14.1	15.8	16.7	18.5
	Nmot	kW	5.5	7.5	11	11	15	15	18.5	18.5	22	22
	Lp(A) sc		82	85	89	91	94	97	99	100	101	102
	Lp(A) cc		<70	<70	<70	<70	72	75	77	78	79	80
450	Q1	m³/min				8.1	9.7	12.2	13.2	15.5	16.3	18.0
	DT	°C				89	85	81	80	78	78	77
	Nsof	kW				9.3	11.0	13.6	15.4	17.3	18.3	20.2
	Nmot	kW				11	15	18.5	18.5	22	22	30
	Lp(A) sc					93	96	99	100	102	103	104
	Lp(A) cc					71	74	77	78	80	81	82
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 55

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
300	Q1	m³/min	4.7	5.9	7.5	9.2	10.8	13.2	14.9	16.5	17.3	18.1
	DT	°C	32	31	30	29	28	27	27	27	27	27
	Nsof	kW	3.2	3.9	4.9	6.0	7.2	9.2	10.7	12.4	13.3	14.2
	Nmot	kW	4	5.5	5.5	7.5	11	11	15	15	15	18.5
	Lp(A) sc		72	75	79	83	85	89	91	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	73
400	Q1	m³/min	4.5	5.7	7.3	8.9	10.8	13.0	14.7	16.3	17.1	17.9
	DT	°C	45	43	41	39	38	37	37	36	36	36
	Nsof	kW	4.2	5.1	6.4	7.8	9.2	11.7	13.4	15.4	16.4	17.5
	Nmot	kW	5.5	7.5	7.5	11	11	15	15	18.5	18.5	22
	Lp(A) sc		73	77	81	84	87	91	93	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	74
500	Q1	m³/min	4.3	5.5	7.1	8.8	10.4	12.8	14.5	16.1	16.9	17.7
	DT	°C	59	55	52	50	49	47	47	46	46	46
	Nsof	kW	5.2	6.4	7.9	9.5	11.3	14.1	16.2	18.4	19.5	20.7
	Nmot	kW	7.5	7.5	11	11	15	18.5	18.5	22	22	30
	Lp(A) sc		75	78	82	86	88	92	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	75	76
600	Q1	m³/min	4.1	5.3	6.9	8.6	10.2	12.7	14.3	15.9	16.7	17.5
	DT	°C	74	69	64	61	59	58	57	56	56	55
	Nsof	kW	6.3	7.6	9.4	11.3	13.3	16.6	18.9	21.4	22.7	24.0
	Nmot	kW	7.5	11	11	15	15	18.5	22	30	30	30
	Lp(A) sc		76	80	84	87	90	93	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	76	77
700	Q1	m³/min	3.9	5.1	6.8	8.4	10.0	12.5	14.1	15.8	16.6	17.4
	DT	°C	90	83	77	73	71	68	67	66	66	65
	Nsof	kW	7.3	8.8	10.9	13.1	15.4	19.0	21.6	24.4	25.8	27.3
	Nmot	kW	11	11	15	15	18.5	22	30	30	30	37
	Lp(A) sc		77	81	85	88	91	95	97	98	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	76	77	78
800	Q1	m³/min	3.8	5.0	6.6	8.3	9.9	12.3	14.0	15.6	16.4	17.2
	DT	°C	107	97	90	85	82	79	77	76	76	75
	Nsof	kW	8.3	10.0	12.4	14.8	17.4	21.5	24.3	27.3	28.9	30.5
	Nmot	kW	11	15	15	18.5	22	30	30	37	37	37
	Lp(A) sc		79	82	86	89	92	96	98	100	101	101
	Lp(A) cc		<70	<70	<70	<70	70	74	76	78	79	79
900	Q1	m³/min	3.6	4.9	6.5	8.1	9.7	12.2	13.8	15.5	16.3	17.1
	DT	°C	125	113	103	97	93	90	88	86	86	85
	Nsof	kW	9.3	11.2	13.9	16.6	19.4	23.9	27.0	30.3	32.0	33.8
	Nmot	kW	11	15	18.5	18.5	22	30	37	37	37	45
	Lp(A) sc		80	83	87	90	93	97	99	101	102	102
	Lp(A) cc		<70	<70	<70	<70	71	75	77	79	80	80
1000	Q1	m³/min		4.7	6.3	8.0	9.6	12.1	13.7	15.3	16.1	17.0
	DT	°C		129	117	110	105	101	98	97	96	95
	Nsof	kW		12.5	15.4	18.4	21.5	26.3	29.8	33.3	35.2	37.1
	Nmot	kW		15	18.5	22	30	30	37	37	45	45
	Lp(A) sc			84	88	92	94	98	100	102	103	104
	Lp(A) cc			<70	<70	<70	72	76	78	80	81	82

PEDRO GIL

Performances

BPG 55

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
200	Q1	m³/min	4.8	6.0	7.6	9.3	10.9	13.3	15.0	16.6	17.4	18.2
	DT	°C	26	25	24	24	23	23	22	22	22	22
	Nsof	kW	2.2	2.7	3.4	4.2	5.2	6.8	8.0	9.4	10.1	10.9
	Nmot	kW	3	4	5.5	5.5	7.5	11	11	11	15	15
	Lp(A) sc		71	75	79	82	85	88	90	92	93	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	70	71	72
250	Q1	m³/min	4.6	5.8	7.4	9.1	10.7	13.1	14.8	16.4	17.2	18.0
	DT	°C	36	35	33	32	31	31	30	30	30	30
	Nsof	kW	2.7	3.3	4.2	5.1	6.2	8.0	9.3	10.9	11.7	12.6
	Nmot	kW	4	4	5.5	7.5	7.5	11	11	15	15	15
	Lp(A) sc		72	76	80	83	86	89	92	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	73
300	Q1	m³/min	4.4	5.6	7.2	8.9	10.5	12.9	14.6	16.2	17.0	17.8
	DT	°C	49	46	44	42	41	40	39	39	39	39
	Nsof	kW	3.2	3.9	4.9	6.0	7.2	9.2	10.7	12.4	13.3	14.2
	Nmot	kW	4	5.5	5.5	7.5	11	11	15	15	15	18.5
	Lp(A) sc		74	77	81	85	87	91	93	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	74	75
350	Q1	m³/min	4.2	5.4	7.0	8.7	10.3	12.7	14.4	16.0	16.8	17.6
	DT	°C	64	60	56	54	52	51	50	50	49	49
	Nsof	kW	3.7	4.5	5.6	6.9	8.2	10.4	12.1	13.9	14.8	15.8
	Nmot	kW	5.5	5.5	7.5	11	11	15	15	18.5	18.5	18.5
	Lp(A) sc		75	79	83	86	89	92	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	74	75	76
400	Q1	m³/min	4.0	5.2	6.8	8.4	10.1	12.5	14.1	15.8	16.6	17.4
	DT	°C	84	77	72	68	66	64	63	62	62	61
	Nsof	kW	4.2	5.1	6.4	7.8	9.2	11.6	13.4	15.3	16.4	17.4
	Nmot	kW	5.5	7.5	7.5	11	11	15	15	18.5	18.5	22
	Lp(A) sc		77	81	84	88	90	94	96	98	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	76	77	78
450	Q1	m³/min	3.7	5.0	6.6	8.2	9.8	12.3	13.9	15.5	16.4	17.2
	DT	°C	109	99	91	86	83	80	78	77	77	76
	Nsof	kW	4.7	5.7	7.1	8.6	10.2	12.9	14.8	16.8	17.9	19.1
	Nmot	kW	5.5	7.5	11	11	15	15	18.5	22	22	22
	Lp(A) sc		79	82	86	89	92	96	98	100	101	101
	Lp(A) cc		<70	<70	<70	<70	70	74	76	78	79	79
500	Q1	m³/min		4.7	6.3	8.0	9.6	12.0	13.7	15.3	16.1	16.9
	DT	°C		127	115	108	104	99	97	96	95	94
	Nsof	kW		6.3	7.9	9.5	11.3	14.1	16.1	18.3	19.5	20.7
	Nmot	kW		7.5	11	11	15	18.5	18.5	22	22	30
	Lp(A) sc			84	88	91	94	98	100	102	103	103
	Lp(A) cc			<70	<70	<70	72	76	78	80	81	81
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 65

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
300	Q1	m³/min	6.4	8.0	10.2	12.3	14.5	17.7	19.9	22.1	23.1	24.2
	DT	°C	31	30	29	28	28	27	27	27	27	27
	Nsof	kW	4.2	5.2	6.5	7.9	9.5	12.1	14.0	16.1	17.3	18.5
	Nmot	kW	5.5	7.5	7.5	11	11	15	18.5	18.5	22	22
	Lp(A) sc		75	78	82	86	88	92	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	75	76
400	Q1	m³/min	6.1	7.7	9.9	12.1	14.2	17.5	19.6	21.8	22.9	23.9
	DT	°C	44	41	40	38	38	37	36	36	36	36
	Nsof	kW	5.6	6.8	8.5	10.2	12.2	15.3	17.6	20.1	21.4	22.8
	Nmot	kW	7.5	11	11	15	15	18.5	22	30	30	30
	Lp(A) sc		76	80	84	87	90	94	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	75	76	77
500	Q1	m³/min	5.9	7.5	9.7	11.8	14.0	17.2	19.4	21.6	22.6	23.7
	DT	°C	57	53	51	49	48	47	46	46	45	45
	Nsof	kW	6.9	8.4	10.4	12.6	14.9	18.5	21.2	24.1	25.6	27.1
	Nmot	kW	11	11	15	15	18.5	22	30	30	30	37
	Lp(A) sc		78	81	85	89	91	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	77	78	79
600	Q1	m³/min	5.7	7.3	9.5	11.6	13.8	17.0	19.2	21.3	22.4	23.5
	DT	°C	71	66	62	60	58	57	56	55	55	55
	Nsof	kW	8.3	10.0	12.4	14.9	17.6	21.8	24.8	28.0	29.7	31.4
	Nmot	kW	11	15	15	18.5	22	30	30	37	37	37
	Lp(A) sc		79	83	87	90	93	96	98	100	101	102
	Lp(A) cc		<70	<70	<70	<70	71	74	76	78	79	80
700	Q1	m³/min	5.5	7.1	9.3	11.4	13.6	16.8	19.0	21.2	22.2	23.3
	DT	°C	85	79	74	71	69	67	66	65	65	64
	Nsof	kW	9.6	11.6	14.4	17.3	20.3	25.0	28.4	32.0	33.8	35.8
	Nmot	kW	11	15	18.5	22	30	30	37	37	45	45
	Lp(A) sc		80	84	88	91	94	98	100	101	102	103
	Lp(A) cc		<70	<70	<70	<70	72	76	78	79	80	81
800	Q1	m³/min	5.3	6.9	9.1	11.3	13.4	16.7	18.8	21.0	22.1	23.1
	DT	°C	101	93	86	83	80	77	76	75	74	74
	Nsof	kW	11.0	13.3	16.4	19.6	23.0	28.3	32.0	35.9	38.0	40.1
	Nmot	kW	15	15	18.5	22	30	37	37	45	45	45
	Lp(A) sc		82	85	89	92	95	99	101	103	104	104
	Lp(A) cc		<70	<70	<70	70	73	77	79	81	82	82
900	Q1	m³/min		6.8	8.9	11.1	13.2	16.5	18.6	20.8	21.9	23.0
	DT	°C		107	99	94	91	88	86	85	84	84
	Nsof	kW		14.9	18.4	21.9	25.7	31.5	35.6	39.9	42.1	44.4
	Nmot	kW		18.5	22	30	30	37	45	45	55	55
	Lp(A) sc			86	90	93	96	100	102	104	105	105
	Lp(A) cc			<70	<70	71	74	78	80	82	83	83
1000	Q1	m³/min				10.9	13.1	16.3	18.5	20.6	21.7	22.8
	DT	°C				106	102	98	97	95	95	94
	Nsof	kW				24.3	28.4	34.7	39.2	43.9	46.3	48.7
	Nmot	kW				30	37	45	45	55	55	55
	Lp(A) sc					95	97	101	103	105	106	107
	Lp(A) cc					73	75	79	81	83	84	85

PEDRO GIL

Performances

BPG 65

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
200	Q1	m³/min	6.5	8.2	10.3	12.5	14.6	17.9	20.0	22.2	23.3	24.4
	DT	°C	25	25	24	23	23	22	22	22	22	22
	Nsof	kW	2.9	3.5	4.5	5.6	6.8	8.8	10.4	12.2	13.1	14.2
	Nmot	kW	4	5.5	5.5	7.5	11	11	15	15	15	18.5
	Lp(A) sc		74	78	82	85	88	91	93	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	74	75
250	Q1	m³/min	6.3	7.9	10.1	12.2	14.4	17.6	19.8	22.0	23.0	24.1
	DT	°C	35	34	32	31	31	30	30	30	30	29
	Nsof	kW	3.5	4.3	5.5	6.7	8.1	10.4	12.2	14.2	15.2	16.3
	Nmot	kW	5.5	5.5	7.5	7.5	11	15	15	18.5	18.5	18.5
	Lp(A) sc		75	79	83	86	89	92	95	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	73	74	75	76
300	Q1	m³/min	6.1	7.7	9.8	12.0	14.2	17.4	19.6	21.7	22.8	23.9
	DT	°C	47	45	43	41	40	39	39	39	38	38
	Nsof	kW	4.2	5.2	6.5	7.9	9.5	12.1	14.0	16.1	17.3	18.5
	Nmot	kW	5.5	7.5	7.5	11	11	15	18.5	18.5	22	22
	Lp(A) sc		77	80	84	88	90	94	96	98	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	76	77	78
350	Q1	m³/min	5.8	7.4	9.6	11.8	13.9	17.2	19.3	21.5	22.6	23.6
	DT	°C	62	58	55	53	51	50	49	49	49	48
	Nsof	kW	4.9	6.0	7.5	9.1	10.8	13.7	15.8	18.1	19.4	20.6
	Nmot	kW	5.5	7.5	11	11	15	18.5	18.5	22	22	30
	Lp(A) sc		78	82	86	89	92	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	77	78	79
400	Q1	m³/min	5.6	7.2	9.3	11.5	13.7	16.9	19.1	21.2	22.3	23.4
	DT	°C	80	74	69	67	65	63	62	61	61	61
	Nsof	kW	5.6	6.8	8.5	10.2	12.2	15.3	17.6	20.1	21.4	22.8
	Nmot	kW	7.5	11	11	15	15	18.5	22	30	30	30
	Lp(A) sc		80	84	87	91	93	97	99	101	102	103
	Lp(A) cc		<70	<70	<70	<70	71	75	77	79	80	81
450	Q1	m³/min	5.3	6.9	9.1	11.2	13.4	16.6	18.8	21.0	22.0	23.1
	DT	°C	102	94	88	84	81	78	77	76	75	75
	Nsof	kW	6.2	7.6	9.4	11.4	13.5	16.9	19.4	22.1	23.5	25.0
	Nmot	kW	7.5	11	11	15	18.5	22	22	30	30	30
	Lp(A) sc		82	85	89	92	95	99	101	103	104	104
	Lp(A) cc		<70	<70	<70	70	73	77	79	81	82	82
500	Q1	m³/min				10.9	13.1	16.3	18.5	20.7	21.7	22.8
	DT	°C				105	101	97	95	94	93	93
	Nsof	kW				12.6	14.9	18.5	21.2	24.1	25.6	27.1
	Nmot	kW				15	18.5	22	30	30	30	37
	Lp(A) sc					94	97	101	103	105	106	106
	Lp(A) cc					72	75	79	81	83	84	84
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 66

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
300	Q1	m³/min	8.6	10.9	14.0	17.1	20.2	24.8	27.9	31.0	32.5	34.0
	DT	°C	33	32	30	29	28	28	27	27	27	27
	Nsof	kW	6.0	7.3	9.1	11.1	13.2	16.7	19.3	22.1	23.6	25.1
	Nmot	kW	7.5	11	11	15	15	22	22	30	30	30
	Lp(A) sc		78	81	85	89	91	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	77	78	79
400	Q1	m³/min	8.1	10.5	13.5	16.6	19.7	24.3	27.4	30.5	32.0	33.6
	DT	°C	47	44	41	40	39	38	37	37	37	36
	Nsof	kW	7.9	9.6	11.9	14.4	17.0	21.3	24.4	27.7	29.5	31.3
	Nmot	kW	11	11	15	18.5	22	30	30	37	37	37
	Lp(A) sc		79	83	87	90	93	97	99	100	101	102
	Lp(A) cc		<70	<70	<70	<70	71	75	77	78	79	80
500	Q1	m³/min	7.7	10.0	13.1	16.2	19.3	23.9	27.0	30.1	31.6	33.2
	DT	°C	62	57	53	51	50	48	47	47	46	46
	Nsof	kW	9.8	11.9	14.8	17.8	20.9	25.9	29.5	33.4	35.4	37.5
	Nmot	kW	11	15	18.5	22	30	30	37	45	45	45
	Lp(A) sc		81	84	88	92	94	98	100	102	103	104
	Lp(A) cc		<70	<70	<70	<70	72	76	78	80	81	82
600	Q1	m³/min	7.4	9.7	12.8	15.9	18.9	23.6	26.6	29.7	31.3	32.8
	DT	°C	78	71	66	63	61	58	57	57	56	56
	Nsof	kW	11.8	14.2	17.6	21.1	24.8	30.6	34.7	39.0	41.3	43.6
	Nmot	kW	15	18.5	22	30	30	37	45	45	55	55
	Lp(A) sc		82	86	90	93	96	99	101	103	104	105
	Lp(A) cc		<70	<70	<70	71	74	77	79	81	82	83
700	Q1	m³/min		9.3	12.4	15.5	18.6	23.2	26.3	29.4	30.9	32.5
	DT	°C		86	79	75	72	69	68	67	66	66
	Nsof	kW		16.5	20.4	24.4	28.6	35.2	39.8	44.7	47.2	49.8
	Nmot	kW		18.5	30	30	37	45	45	55	55	75
	Lp(A) sc			87	91	94	97	101	103	104	105	106
	Lp(A) cc			<70	<70	72	75	79	81	82	83	84
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 66

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	3000	3600	4000	4400	4600	4800
200	Q1	m³/min	8.9	11.2	14.3	17.3	20.4	25.1	28.1	31.2	32.8	34.3
	DT	°C	27	26	24	24	23	23	23	22	22	22
	Nsof	kW	4.1	5.0	6.3	7.7	9.3	12.1	14.1	16.4	17.7	19.0
	Nmot	kW	5.5	7.5	7.5	11	11	15	18.5	18.5	22	22
	Lp(A) sc		77	81	85	88	91	94	96	98	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	76	77	78
250	Q1	m³/min	8.4	10.8	13.8	16.9	20.0	24.6	27.7	30.8	32.3	33.9
	DT	°C	38	35	34	32	32	31	31	30	30	30
	Nsof	kW	5.0	6.1	7.7	9.4	11.3	14.4	16.7	19.2	20.6	22.1
	Nmot	kW	7.5	7.5	11	11	15	18.5	22	22	30	30
	Lp(A) sc		78	82	86	89	92	95	98	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	76	77	78	79
300	Q1	m³/min	8.0	10.3	13.4	16.5	19.6	24.2	27.3	30.4	31.9	33.5
	DT	°C	51	47	45	43	42	40	40	39	39	39
	Nsof	kW	6.0	7.3	9.1	11.1	13.2	16.7	19.3	22.1	23.6	25.1
	Nmot	kW	7.5	11	11	15	15	22	22	30	30	30
	Lp(A) sc		80	83	87	91	93	97	99	101	102	103
	Lp(A) cc		<70	<70	<70	<70	71	75	77	79	80	81
350	Q1	m³/min	7.6	9.9	13.0	16.1	19.2	23.8	26.9	30.0	31.5	33.0
	DT	°C	67	62	58	55	53	52	51	50	50	49
	Nsof	kW	6.9	8.4	10.5	12.7	15.1	19.0	21.8	24.9	26.5	28.2
	Nmot	kW	11	11	15	15	18.5	22	30	30	30	37
	Lp(A) sc		81	85	89	92	95	98	100	102	103	104
	Lp(A) cc		<70	<70	<70	70	73	76	78	80	81	82
400	Q1	m³/min	7.2	9.5	12.6	15.6	18.7	23.4	26.4	29.5	31.1	32.6
	DT	°C	88	80	74	70	67	65	64	63	62	62
	Nsof	kW	7.9	9.6	11.9	14.4	17.0	21.3	24.4	27.7	29.5	31.3
	Nmot	kW	11	11	15	18.5	22	30	30	37	37	37
	Lp(A) sc		83	87	90	94	96	100	102	104	105	106
	Lp(A) cc		<70	<70	<70	72	74	78	80	82	83	84
450	Q1	m³/min				15.2	18.3	22.9	26.0	29.1	30.6	32.1
	DT	°C				88	85	81	79	78	78	77
	Nsof	kW				16.1	19.0	23.6	27.0	30.6	32.4	34.4
	Nmot	kW				18.5	22	30	37	37	37	45
	Lp(A) sc					95	98	102	104	106	107	107
	Lp(A) cc					73	76	80	82	84	85	85
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG75

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
300	Q1	m³/min	9.8	12.3	15.5	18.8	20.4	22.0	23.6	25.3	26.9	28.5
	DT	°C	31	30	29	28	28	27	27	27	27	27
	Nsof	kW	6.4	7.9	10.0	12.3	13.6	14.9	16.3	17.7	19.3	20.9
	Nmot	kW	7.5	11	15	15	18.5	18.5	18.5	22	22	30
	Lp(A) sc		76	79	83	87	88	89	91	92	93	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	71	72
400	Q1	m³/min	9.5	11.9	15.2	18.4	20.0	21.7	23.3	24.9	26.5	28.2
	DT	°C	42	41	39	38	38	37	37	37	36	36
	Nsof	kW	8.5	10.3	13.0	15.8	17.4	18.9	20.6	22.3	24.2	26.1
	Nmot	kW	11	15	15	18.5	22	22	30	30	30	30
	Lp(A) sc		77	81	85	88	90	91	92	93	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	71	73	74
500	Q1	m³/min	9.2	11.6	14.8	18.1	19.7	21.3	23.0	24.6	26.2	27.8
	DT	°C	55	52	50	48	48	47	47	46	46	46
	Nsof	kW	10.5	12.8	16.0	19.4	21.1	23.0	24.9	26.9	29.0	31.2
	Nmot	kW	15	15	18.5	22	30	30	30	30	37	37
	Lp(A) sc		79	82	86	90	91	92	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	73	74	75
600	Q1	m³/min	8.9	11.3	14.6	17.8	19.4	21.1	22.7	24.3	25.9	27.6
	DT	°C	68	64	61	59	58	57	57	56	56	56
	Nsof	kW	12.5	15.2	18.9	22.9	24.9	27.1	29.3	31.5	33.9	36.3
	Nmot	kW	15	18.5	22	30	30	37	37	37	45	45
	Lp(A) sc		80	84	88	91	92	94	95	96	97	98
	Lp(A) cc		<70	<70	<70	<70	70	72	73	74	75	76
700	Q1	m³/min	8.6	11.0	14.3	17.5	19.2	20.8	22.4	24.0	25.7	27.3
	DT	°C	82	77	72	70	69	68	67	66	66	65
	Nsof	kW	14.5	17.6	21.9	26.4	28.7	31.1	33.6	36.1	38.8	41.5
	Nmot	kW	18.5	22	30	30	37	37	45	45	45	55
	Lp(A) sc		81	85	89	92	94	95	96	97	99	100
	Lp(A) cc		<70	<70	<70	70	72	73	74	75	77	78
800	Q1	m³/min	8.4	10.8	14.0	17.3	18.9	20.5	22.2	23.8	25.4	27.0
	DT	°C	96	89	84	81	79	78	77	77	76	75
	Nsof	kW	16.6	20.1	24.9	29.9	32.5	35.2	37.9	40.7	43.6	46.6
	Nmot	kW	18.5	30	30	37	37	45	45	55	55	55
	Lp(A) sc		83	86	90	93	95	96	97	99	100	101
	Lp(A) cc		<70	<70	<70	71	73	74	75	77	78	79
900	Q1	m³/min	8.1	10.6	13.8	17.1	18.7	20.3	21.9	23.6	25.2	26.8
	DT	°C	111	103	96	92	90	89	88	87	86	86
	Nsof	kW	18.6	22.5	27.9	33.4	36.3	39.2	42.3	45.3	48.5	51.8
	Nmot	kW	22	30	37	45	45	45	55	55	55	75
	Lp(A) sc		84	87	91	94	96	97	99	100	101	102
	Lp(A) cc		<70	<70	<70	72	74	75	77	78	79	80
1000	Q1	m³/min	7.9	10.3	13.6	16.8	18.5	20.1	21.7	23.3	25.0	26.6
	DT	°C	127	117	109	104	102	100	99	98	97	96
	Nsof	kW	20.6	24.9	30.8	36.9	40.1	43.3	46.6	49.9	53.4	56.9
	Nmot	kW	30	30	37	45	45	55	55	75	75	75
	Lp(A) sc		85	88	92	96	97	98	100	101	102	103
	Lp(A) cc		<70	<70	70	74	75	76	78	79	80	81

PEDRO GIL

Performances

BPG 75

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
200	Q1	m³/min	10.0	12.5	15.7	19.0	20.6	22.2	23.9	25.5	27.1	28.7
	DT	°C	25	24	23	23	23	23	22	22	22	22
	Nsof	kW	4.4	5.5	7.0	8.8	9.8	10.8	11.9	13.1	14.4	15.8
	Nmot	kW	5.5	7.5	11	11	11	15	15	15	18.5	18.5
	Lp(A) sc		75	79	83	86	87	89	90	91	92	93
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	70	71
250	Q1	m³/min	9.7	12.2	15.4	18.7	20.3	21.9	23.5	25.1	26.8	28.4
	DT	°C	34	33	32	31	31	31	30	30	30	30
	Nsof	kW	5.4	6.7	8.5	10.6	11.7	12.9	14.1	15.4	16.8	18.3
	Nmot	kW	7.5	7.5	11	15	15	15	18.5	18.5	22	22
	Lp(A) sc		76	80	84	87	89	90	91	92	93	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	70	71	73
300	Q1	m³/min	9.4	11.8	15.1	18.3	20.0	21.6	23.2	24.8	26.4	28.1
	DT	°C	46	44	42	41	40	40	39	39	39	39
	Nsof	kW	6.4	7.9	10.0	12.3	13.6	14.9	16.3	17.7	19.3	20.9
	Nmot	kW	7.5	11	15	15	18.5	18.5	18.5	22	22	30
	Lp(A) sc		78	81	85	89	90	91	93	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	74
350	Q1	m³/min	9.1	11.5	14.7	18.0	19.6	21.2	22.9	24.5	26.1	27.7
	DT	°C	59	56	54	52	51	51	50	50	49	49
	Nsof	kW	7.4	9.1	11.5	14.1	15.5	16.9	18.4	20.0	21.7	23.5
	Nmot	kW	11	11	15	18.5	18.5	22	22	30	30	30
	Lp(A) sc		79	83	87	90	92	93	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	73	74	75
400	Q1	m³/min	8.7	11.1	14.4	17.6	19.3	20.9	22.5	24.1	25.8	27.4
	DT	°C	76	72	68	65	64	64	63	62	62	62
	Nsof	kW	8.5	10.3	13.0	15.8	17.4	18.9	20.6	22.3	24.2	26.1
	Nmot	kW	11	15	15	18.5	22	22	30	30	30	30
	Lp(A) sc		81	85	88	92	93	94	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	71	72	74	75	76	77
450	Q1	m³/min	8.3	10.8	14.0	17.3	18.9	20.5	22.1	23.8	25.4	27.0
	DT	°C	98	91	85	82	81	79	79	78	77	76
	Nsof	kW	9.5	11.5	14.5	17.6	19.2	21.0	22.8	24.6	26.6	28.6
	Nmot	kW	11	15	18.5	22	22	30	30	30	30	37
	Lp(A) sc		83	86	90	93	95	96	98	99	100	101
	Lp(A) cc		<70	<70	<70	71	73	74	76	77	78	79
500	Q1	m³/min	7.9	10.4	13.6	16.9	18.5	20.1	21.7	23.4	25.0	26.6
	DT	°C	125	115	107	102	100	99	98	96	95	95
	Nsof	kW	10.5	12.8	16.0	19.4	21.1	23.0	24.9	26.9	29.0	31.2
	Nmot	kW	15	15	18.5	22	30	30	30	30	37	37
	Lp(A) sc		85	88	92	95	97	98	99	101	102	103
	Lp(A) cc		<70	<70	70	73	75	76	77	79	80	81
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 85

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
300	Q1	m³/min	14.4	18.0	22.8	27.6	30.0	32.4	34.8	37.2	39.6	42.0
	DT	°C	31	30	29	28	28	28	27	27	27	27
	Nsof	kW	9.5	11.7	14.8	18.2	20.1	22.1	24.1	26.3	28.6	31.0
	Nmot	kW	11	15	18.5	22	30	30	30	30	37	37
	Lp(A) sc		79	82	86	90	91	92	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	73	74	75
400	Q1	m³/min	13.8	17.4	22.2	27.0	29.4	31.8	34.2	36.6	39.0	41.4
	DT	°C	43	41	39	38	38	37	37	37	37	36
	Nsof	kW	12.5	15.3	19.2	23.4	25.7	28.1	30.5	33.1	35.8	38.6
	Nmot	kW	15	18.5	22	30	30	37	37	37	45	45
	Lp(A) sc		80	84	88	91	93	94	95	96	98	99
	Lp(A) cc		<70	<70	<70	<70	71	72	73	74	76	77
500	Q1	m³/min	13.4	17.0	21.8	26.6	29.0	31.4	33.8	36.2	38.6	41.0
	DT	°C	56	53	50	49	48	47	47	47	46	46
	Nsof	kW	15.5	18.9	23.6	28.6	31.3	34.1	36.9	39.9	43.0	46.2
	Nmot	kW	18.5	22	30	37	37	45	45	45	55	55
	Lp(A) sc		82	85	89	93	94	95	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	72	73	75	76	77	78
600	Q1	m³/min	12.9	16.5	21.3	26.1	28.5	30.9	33.3	35.7	38.1	40.5
	DT	°C	69	65	61	59	58	58	57	57	56	56
	Nsof	kW	18.5	22.5	28.0	33.8	36.9	40.1	43.3	46.7	50.2	53.8
	Nmot	kW	22	30	37	45	45	45	55	55	75	75
	Lp(A) sc		83	87	91	94	95	97	98	99	100	101
	Lp(A) cc		<70	<70	<70	72	73	75	76	77	78	79
700	Q1	m³/min	12.5	16.1	20.9	25.7	28.1	30.5	32.9	35.3	37.7	40.1
	DT	°C	83	78	73	70	69	68	68	67	66	66
	Nsof	kW	21.5	26.1	32.4	39.0	42.5	46.1	49.7	53.5	57.4	61.4
	Nmot	kW	30	30	37	45	55	55	75	75	75	75
	Lp(A) sc		84	88	92	95	97	98	99	100	102	103
	Lp(A) cc		<70	<70	<70	73	75	76	77	78	80	81
800	Q1	m³/min	12.1	15.7	20.5	25.3	27.7	30.1	32.5	34.9	37.3	39.7
	DT	°C	98	91	85	81	80	79	78	77	77	76
	Nsof	kW	24.5	29.7	36.8	44.2	48.1	52.1	56.1	60.3	64.6	69.0
	Nmot	kW	30	37	45	55	55	75	75	75	75	90
	Lp(A) sc		86	89	93	96	98	99	100	102	103	104
	Lp(A) cc		<70	<70	71	74	76	77	78	80	81	82
900	Q1	m³/min		15.4	20.2	25.0	27.4	29.8	32.2	34.6	37.0	39.4
	DT	°C		105	97	93	91	90	89	88	87	86
	Nsof	kW		33.3	41.2	49.4	53.7	58.1	62.5	67.1	71.8	76.6
	Nmot	kW		45	55	55	75	75	75	75	90	90
	Lp(A) sc			90	94	97	99	100	102	103	104	105
	Lp(A) cc			<70	72	75	77	78	80	81	82	83
1000	Q1	m³/min			19.8	24.6	27.0	29.4	31.8	34.2	36.6	39.0
	DT	°C			110	105	103	101	100	98	97	97
	Nsof	kW			45.6	54.6	59.3	64.1	68.9	73.9	79.0	84.2
	Nmot	kW			55	75	75	75	90	90	90	110
	Lp(A) sc				95	99	100	101	103	104	105	106
	Lp(A) cc				73	77	78	79	81	82	83	84

PEDRO GIL

Performances

BPG 85

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
200	Q1	m³/min	14.7	18.3	23.1	27.9	30.3	32.7	35.1	37.5	39.9	42.3
	DT	°C	25	24	24	23	23	23	23	22	22	22
	Nsof	kW	6.5	8.1	10.4	13.0	14.5	16.1	17.7	19.5	21.4	23.4
	Nmot	kW	7.5	11	15	15	18.5	18.5	22	22	30	30
	Lp(A) sc		78	82	86	89	90	92	93	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	74
250	Q1	m³/min	14.2	17.8	22.6	27.4	29.8	32.2	34.6	37.0	39.4	41.8
	DT	°C	35	33	32	31	31	31	30	30	30	30
	Nsof	kW	8.0	9.9	12.6	15.6	17.3	19.1	20.9	22.9	25.0	27.2
	Nmot	kW	11	11	15	18.5	22	22	30	30	30	37
	Lp(A) sc		79	83	87	90	92	93	94	95	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	73	74	76
300	Q1	m³/min	13.7	17.3	22.1	26.9	29.3	31.7	34.1	36.5	38.9	41.3
	DT	°C	46	44	42	41	40	40	40	39	39	39
	Nsof	kW	9.5	11.7	14.8	18.2	20.1	22.1	24.1	26.3	28.6	31.0
	Nmot	kW	11	15	18.5	22	30	30	30	30	37	37
	Lp(A) sc		81	84	88	92	93	94	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	71	72	74	75	76	77
350	Q1	m³/min	13.2	16.8	21.6	26.4	28.8	31.2	33.6	36.0	38.4	40.8
	DT	°C	60	57	54	52	52	51	51	50	50	49
	Nsof	kW	11.0	13.5	17.0	20.8	22.9	25.1	27.3	29.7	32.2	34.8
	Nmot	kW	15	15	22	30	30	30	37	37	37	45
	Lp(A) sc		82	86	90	93	95	96	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	73	74	75	76	77	78
400	Q1	m³/min	12.7	16.3	21.1	25.9	28.3	30.7	33.1	35.5	37.9	40.3
	DT	°C	78	73	68	66	65	64	63	63	62	62
	Nsof	kW	12.5	15.3	19.2	23.4	25.7	28.1	30.5	33.1	35.8	38.6
	Nmot	kW	15	18.5	22	30	30	37	37	37	45	45
	Lp(A) sc		84	88	91	95	96	97	99	100	101	102
	Lp(A) cc		<70	<70	<70	73	74	75	77	78	79	80
450	Q1	m³/min	12.1	15.7	20.5	25.3	27.7	30.1	32.5	34.9	37.3	39.7
	DT	°C	100	92	86	83	81	80	79	78	78	77
	Nsof	kW	14.0	17.1	21.4	26.0	28.5	31.1	33.7	36.5	39.4	42.4
	Nmot	kW	18.5	22	30	30	37	37	45	45	45	55
	Lp(A) sc		86	89	93	96	98	99	101	102	103	104
	Lp(A) cc		<70	<70	71	74	76	77	79	80	81	82
500	Q1	m³/min			19.9	24.7	27.1	29.5	31.9	34.3	36.7	39.1
	DT	°C			108	103	101	100	98	97	96	95
	Nsof	kW			23.6	28.6	31.3	34.1	36.9	39.9	43.0	46.2
	Nmot	kW			30	37	37	45	45	45	55	55
	Lp(A) sc				95	98	100	101	102	104	105	106
	Lp(A) cc				73	76	78	79	80	82	83	84
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 86

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
300	Q1	m³/min	18.7	23.4	29.6	35.9	39.0	42.1	45.2	48.4	51.5	54.6
	DT	°C	31	30	29	28	28	28	27	27	27	27
	Nsof	kW	12.3	15.1	19.1	23.4	25.8	28.3	30.9	33.6	36.5	39.5
	Nmot	kW	15	18.5	22	30	30	37	37	45	45	45
	Lp(A) sc		82	85	89	93	94	95	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	72	73	75	76	77	78
400	Q1	m³/min	18.0	22.7	28.9	35.2	38.3	41.4	44.5	47.6	50.8	53.9
	DT	°C	43	41	39	38	38	37	37	37	37	36
	Nsof	kW	16.2	19.8	24.8	30.2	33.1	36.1	39.2	42.4	45.8	49.4
	Nmot	kW	18.5	22	30	37	37	45	45	55	55	55
	Lp(A) sc		83	87	91	94	96	97	98	99	101	102
	Lp(A) cc		<70	<70	<70	72	74	75	76	77	79	80
500	Q1	m³/min	17.4	22.0	28.3	34.5	37.6	40.8	43.9	47.0	50.1	53.2
	DT	°C	56	53	50	49	48	47	47	47	46	46
	Nsof	kW	20.1	24.4	30.5	37.0	40.4	43.9	47.5	51.3	55.2	59.3
	Nmot	kW	30	30	37	45	45	55	55	75	75	75
	Lp(A) sc		85	88	92	96	97	98	100	101	102	103
	Lp(A) cc		<70	<70	70	74	75	76	78	79	80	81
600	Q1	m³/min	16.8	21.5	27.7	33.9	37.1	40.2	43.3	46.4	49.5	52.7
	DT	°C	69	65	61	59	58	58	57	57	56	56
	Nsof	kW	24.0	29.1	36.2	43.7	47.6	51.7	55.8	60.1	64.6	69.2
	Nmot	kW	30	37	45	55	55	75	75	75	75	90
	Lp(A) sc		86	90	94	97	98	100	101	102	103	104
	Lp(A) cc		<70	<70	72	75	76	78	79	80	81	82
700	Q1	m³/min	16.3	20.9	27.2	33.4	36.5	39.7	42.8	45.9	49.0	52.1
	DT	°C	83	78	73	70	69	68	68	67	66	66
	Nsof	kW	27.9	33.8	42.0	50.5	54.9	59.5	64.1	69.0	73.9	79.0
	Nmot	kW	37	45	55	75	75	75	75	90	90	90
	Lp(A) sc		87	91	95	98	100	101	102	103	105	106
	Lp(A) cc		<70	<70	73	76	78	79	80	81	83	84
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 86

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1500	1800	2200	2600	2800	3000	3200	3400	3600	3800
200	Q1	m³/min	19.1	23.8	30.1	36.3	39.4	42.5	45.7	48.8	51.9	55.0
	DT	°C	25	24	24	23	23	23	23	22	22	22
	Nsof	kW	8.4	10.4	13.4	16.7	18.5	20.5	22.5	24.8	27.1	29.6
	Nmot	kW	11	15	15	22	22	30	30	30	37	37
	Lp(A) sc		81	85	89	92	93	95	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	71	73	74	75	76	77
250	Q1	m³/min	18.5	23.2	29.4	35.6	38.8	41.9	45.0	48.1	51.2	54.4
	DT	°C	35	33	32	31	31	31	30	30	30	30
	Nsof	kW	10.4	12.7	16.2	20.1	22.2	24.4	26.7	29.2	31.8	34.6
	Nmot	kW	15	15	18.5	30	30	30	30	37	37	45
	Lp(A) sc		82	86	90	93	95	96	97	98	99	101
	Lp(A) cc		<70	<70	<70	71	73	74	75	76	77	79
300	Q1	m³/min	17.8	22.5	28.7	35.0	38.1	41.2	44.3	47.5	50.6	53.7
	DT	°C	46	44	42	41	40	40	40	39	39	39
	Nsof	kW	12.3	15.1	19.1	23.4	25.8	28.3	30.9	33.6	36.5	39.5
	Nmot	kW	15	18.5	22	30	30	37	37	45	45	45
	Lp(A) sc		84	87	91	95	96	97	99	100	101	102
	Lp(A) cc		<70	<70	<70	73	74	75	77	78	79	80
350	Q1	m³/min	17.2	21.8	28.1	34.3	37.4	40.6	43.7	46.8	49.9	53.0
	DT	°C	60	57	54	52	52	51	51	50	50	49
	Nsof	kW	14.3	17.4	21.9	26.8	29.4	32.2	35.0	38.0	41.2	44.5
	Nmot	kW	18.5	22	30	30	37	37	45	45	55	55
	Lp(A) sc		85	89	93	96	98	99	100	101	102	103
	Lp(A) cc		<70	<70	71	74	76	77	78	79	80	81
400	Q1	m³/min	16.5	21.1	27.4	33.6	36.7	39.9	43.0	46.1	49.2	52.3
	DT	°C	78	73	68	66	65	64	63	63	62	62
	Nsof	kW	16.2	19.8	24.8	30.2	33.1	36.1	39.2	42.4	45.8	49.4
	Nmot	kW	18.5	22	30	37	37	45	45	55	55	55
	Lp(A) sc		87	91	94	98	99	100	102	103	104	105
	Lp(A) cc		<70	<70	72	76	77	78	80	81	82	83
450	Q1	m³/min			26.6	32.9	36.0	39.1	42.2	45.4	48.5	51.6
	DT	°C			86	83	81	80	79	78	78	77
	Nsof	kW			27.7	33.6	36.7	40.0	43.3	46.9	50.5	54.3
	Nmot	kW			37	45	45	45	55	55	75	75
	Lp(A) sc				96	99	101	102	104	105	106	107
	Lp(A) cc				74	77	79	80	82	83	84	85
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 95

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4						2			
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
300	Q1	m³/min	16.3	17.9	19.6	21.3	26.3	33.0	36.3	39.6	43.0	46.3
	DT	°C	31	30	30	29	28	28	27	27	27	27
	Nsof	kW	10.6	11.6	12.6	13.6	17.0	21.9	24.6	27.5	30.6	34.0
	Nmot	kW	15	15	15	18.5	22	30	30	37	37	45
	Lp(A) sc		76	77	79	80	83	87	89	91	92	93
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	70	71
400	Q1	m³/min	15.7	17.4	19.0	20.7	25.7	32.4	35.7	39.1	42.4	45.7
	DT	°C	42	41	41	40	39	38	37	37	36	36
	Nsof	kW	13.9	15.2	16.5	17.8	22.0	28.0	31.3	34.7	38.4	42.3
	Nmot	kW	18.5	18.5	18.5	22	30	37	37	45	45	55
	Lp(A) sc		77	79	80	81	85	89	91	92	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	70	72	73
500	Q1	m³/min	15.2	16.8	18.5	20.2	25.2	31.9	35.2	38.5	41.9	45.2
	DT	°C	55	53	52	51	49	48	47	47	46	46
	Nsof	kW	17.3	18.8	20.4	22.0	27.0	34.1	38.0	42.0	46.2	50.7
	Nmot	kW	22	22	30	30	37	45	45	55	55	75
	Lp(A) sc		78	80	81	83	86	90	92	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	72	73	74
600	Q1	m³/min	14.7	16.4	18.0	19.7	24.7	31.4	34.7	38.1	41.4	44.8
	DT	°C	68	66	64	63	60	58	57	57	56	55
	Nsof	kW	20.6	22.4	24.3	26.2	32.0	40.3	44.6	49.2	54.0	59.0
	Nmot	kW	30	30	30	30	37	45	55	55	75	75
	Lp(A) sc		80	81	83	84	88	92	93	95	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	74	76
700	Q1	m³/min	14.3	15.9	17.6	19.3	24.3	31.0	34.3	37.7	41.0	44.3
	DT	°C	81	79	77	75	72	69	68	67	66	65
	Nsof	kW	24.0	26.1	28.2	30.3	37.0	46.4	51.3	56.5	61.8	67.4
	Nmot	kW	30	30	37	37	45	55	75	75	75	75
	Lp(A) sc		81	83	84	85	89	93	95	96	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	74	76	77
800	Q1	m³/min	13.9	15.5	17.2	18.9	23.9	30.6	33.9	37.3	40.6	43.9
	DT	°C	95	92	90	88	83	79	78	77	76	75
	Nsof	kW	27.3	29.7	32.1	34.5	42.0	52.5	58.0	63.7	69.6	75.7
	Nmot	kW	37	37	37	45	55	75	75	75	90	90
	Lp(A) sc		82	84	85	87	90	94	96	97	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	75	77	78
900	Q1	m³/min	13.5	15.2	16.8	18.5	23.5	30.2	33.5	36.9	40.2	43.6
	DT	°C	110	106	103	101	95	90	89	88	86	86
	Nsof	kW	30.6	33.3	36.0	38.7	47.0	58.6	64.7	70.9	77.4	84.1
	Nmot	kW	37	45	45	45	55	75	75	90	90	110
	Lp(A) sc		83	85	86	88	91	95	97	98	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	76	78	79
1000	Q1	m³/min	13.1	14.8	16.5	18.2	23.2	29.8	33.2	36.5	39.9	43.2
	DT	°C	126	121	117	114	107	102	100	98	97	96
	Nsof	kW	34.0	36.9	39.9	42.9	52.0	64.7	71.4	78.2	85.2	92.4
	Nmot	kW	45	45	45	55	75	75	90	90	110	110
	Lp(A) sc		84	86	87	89	92	96	98	100	101	102
	Lp(A) cc		<70	<70	<70	<70	70	74	76	78	79	80

PEDRO GIL

Performances

BPG 95

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4						2			
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
200	Q1	m³/min	16.6	18.3	19.9	21.6	26.6	33.3	36.6	40.0	43.3	46.7
	DT	°C	25	24	24	24	23	23	23	22	22	22
	Nsof	kW	7.3	8.0	8.7	9.5	11.9	15.8	17.9	20.3	22.8	25.6
	Nmot	kW	11	11	11	11	15	18.5	22	30	30	30
	Lp(A) sc		75	76	78	79	83	87	88	90	91	93
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	71
250	Q1	m³/min	16.1	17.7	19.4	21.1	26.1	32.8	36.1	39.4	42.8	46.1
	DT	°C	34	34	33	33	32	31	30	30	30	30
	Nsof	kW	8.9	9.8	10.6	11.6	14.4	18.8	21.3	23.9	26.7	29.8
	Nmot	kW	11	11	15	15	18.5	22	30	30	30	37
	Lp(A) sc		76	78	79	80	84	88	90	91	93	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	71	72
300	Q1	m³/min	15.5	17.2	18.9	20.5	25.6	32.2	35.6	38.9	42.3	45.6
	DT	°C	45	44	44	43	41	40	40	39	39	39
	Nsof	kW	10.6	11.6	12.6	13.6	17.0	21.9	24.6	27.5	30.6	34.0
	Nmot	kW	15	15	15	18.5	22	30	30	37	37	45
	Lp(A) sc		77	79	80	82	85	89	91	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	73
350	Q1	m³/min	15.0	16.7	18.3	20.0	25.0	31.7	35.0	38.4	41.7	45.1
	DT	°C	59	58	56	55	53	51	51	50	50	49
	Nsof	kW	12.3	13.4	14.5	15.7	19.5	24.9	27.9	31.1	34.5	38.1
	Nmot	kW	15	15	18.5	18.5	22	30	37	37	45	45
	Lp(A) sc		79	81	82	83	87	91	92	94	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	72	74	75
400	Q1	m³/min	14.4	16.1	17.8	19.4	24.5	31.1	34.5	37.8	41.2	44.5
	DT	°C	76	74	72	70	67	64	64	63	62	62
	Nsof	kW	13.9	15.2	16.5	17.8	22.0	28.0	31.3	34.7	38.4	42.3
	Nmot	kW	18.5	18.5	18.5	22	30	37	37	45	45	55
	Lp(A) sc		81	82	84	85	89	92	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	74	75	76
450	Q1	m³/min	13.8	15.5	17.2	18.8	23.9	30.5	33.9	37.2	40.6	43.9
	DT	°C	97	94	91	89	84	81	79	78	77	76
	Nsof	kW	15.6	17.0	18.4	19.9	24.5	31.1	34.6	38.4	42.3	46.5
	Nmot	kW	18.5	22	22	30	30	37	45	45	55	55
	Lp(A) sc		82	84	85	87	90	94	96	97	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	75	77	78
500	Q1	m³/min	13.2	14.9	16.5	18.2	23.2	29.9	33.2	36.6	39.9	43.3
	DT	°C	124	119	115	112	106	100	98	97	96	95
	Nsof	kW	17.3	18.8	20.4	22.0	27.0	34.1	38.0	42.0	46.2	50.7
	Nmot	kW	22	22	30	30	37	45	45	55	55	75
	Lp(A) sc		84	86	87	89	92	96	98	99	101	102
	Lp(A) cc		<70	<70	<70	<70	70	74	76	77	79	80
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 105

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4						2			
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
300	Q1	m³/min	21.2	23.4	25.6	27.7	34.3	3.0	47.3	51.6	56.0	60.3
	DT	°C	30	30	29	29	28	28	27	27	27	27
	Nsof	kW	13.6	14.9	16.2	17.5	21.6	27.6	30.9	34.4	38.1	42.0
	Nmot	kW	18.5	18.5	18.5	22	30	37	37	45	45	55
	Lp(A) sc		79	80	82	83	86	90	92	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	72	73	74
400	Q1	m³/min	20.5	22.6	24.8	27.0	33.5	42.2	46.5	50.9	55.2	59.6
	DT	°C	42	41	41	40	39	37	37	37	36	36
	Nsof	kW	18.0	19.6	21.2	22.9	28.1	35.6	39.6	43.8	48.2	52.9
	Nmot	kW	22	22	30	30	37	45	45	55	55	75
	Lp(A) sc		80	82	83	84	88	92	94	95	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	73	75	76
500	Q1	m³/min	19.8	22.0	24.2	26.3	32.8	41.5	45.9	50.2	54.6	58.9
	DT	°C	54	53	52	51	49	48	47	46	46	46
	Nsof	kW	22.3	24.3	26.3	28.3	34.6	43.6	48.3	53.2	58.4	63.8
	Nmot	kW	30	30	30	37	45	55	55	75	75	75
	Lp(A) sc		81	83	84	86	89	93	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	76	77
600	Q1	m³/min	19.2	21.4	23.6	25.7	32.2	40.9	45.3	49.6	54.0	58.3
	DT	°C	67	66	64	63	60	58	57	56	56	55
	Nsof	kW	26.7	29.0	31.4	33.8	41.2	51.5	57.0	62.6	68.5	74.6
	Nmot	kW	30	37	37	45	55	75	75	75	90	90
	Lp(A) sc		83	84	86	87	91	95	96	98	99	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	74	76	77	79
700	Q1	m³/min	18.7	20.8	23.0	25.2	31.7	40.4	44.7	49.1	53.4	57.8
	DT	°C	81	78	76	75	71	68	67	67	66	65
	Nsof	kW	31.0	33.7	36.5	39.2	47.7	59.5	65.7	72.1	78.7	85.5
	Nmot	kW	37	45	45	45	55	75	75	90	90	110
	Lp(A) sc		84	86	87	88	92	96	98	99	101	102
	Lp(A) cc		<70	<70	<70	<70	<70	74	76	77	79	80
800	Q1	m³/min	18.1	20.3	22.5	24.7	31.2	39.9	44.2	48.6	52.9	57.3
	DT	°C	95	92	89	87	83	79	78	77	76	75
	Nsof	kW	35.4	38.4	41.5	44.6	54.2	67.5	74.4	81.5	88.8	96.4
	Nmot	kW	45	45	55	55	75	90	90	90	110	110
	Lp(A) sc		85	87	88	90	93	97	99	100	102	103
	Lp(A) cc		<70	<70	<70	<70	71	75	77	78	80	81
900	Q1	m³/min	17.7	19.8	22.0	24.2	30.7	39.4	43.7	48.1	52.4	56.8
	DT	°C	110	106	103	100	95	90	89	87	86	85
	Nsof	kW	39.7	43.1	46.6	50.1	60.7	75.4	83.1	90.9	98.9	107.2
	Nmot	kW	45	55	55	75	75	90	90	110	110	132
	Lp(A) sc		86	88	89	91	94	98	100	101	103	104
	Lp(A) cc		<70	<70	<70	<70	72	76	78	79	81	82
1000	Q1	m³/min					30.3	38.9	43.3	47.6	52.0	56.3
	DT	°C					107	101	100	98	97	96
	Nsof	kW					67.2	83.4	91.8	100.3	109.1	118.1
	Nmot	kW					75	110	110	110	132	132
	Lp(A) sc						95	99	101	103	104	1 05
	Lp(A) cc						73	77	79	81	82	83

PEDRO GIL

Performances

BPG 105

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4						2			
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
200	Q1	m³/min	21.7	23.8	26.0	28.2	34.7	43.4	47.7	52.1	56.4	60.8
	DT	°C	25	24	24	24	23	23	23	22	22	22
	Nsof	kW	9.3	10.2	11.1	12.0	15.1	19.7	22.2	25.0	28.0	31.2
	Nmot	kW	11	15	15	15	18.5	22	30	30	37	37
	Lp(A) sc		78	79	81	82	86	90	91	93	94	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	74
250	Q1	m³/min	21.0	23.1	25.3	27.5	34.0	42.7	47.0	51.4	55.7	60.1
	DT	°C	34	33	33	33	32	31	30	30	30	30
	Nsof	kW	11.5	12.5	13.6	14.8	18.3	23.6	26.6	29.7	33.0	36.6
	Nmot	kW	15	15	18.5	18.5	22	30	30	37	37	45
	Lp(A) sc		79	81	82	83	87	91	93	94	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	74	75
300	Q1	m³/min	20.3	22.5	24.6	26.8	33.3	42.0	46.4	50.7	55.1	59.4
	DT	°C	45	44	43	43	41	40	40	39	39	39
	Nsof	kW	13.6	14.9	16.2	17.5	21.6	27.6	30.9	34.4	38.1	42.0
	Nmot	kW	18.5	18.5	18.5	22	30	37	37	45	45	55
	Lp(A) sc		80	82	83	85	88	92	94	96	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	70	72	74	75	76
350	Q1	m³/min	19.6	21.8	23.9	26.1	32.6	41.3	45.7	50.0	54.4	58.7
	DT	°C	59	57	56	55	53	51	50	50	49	49
	Nsof	kW	15.8	17.2	18.7	20.2	24.9	31.6	35.3	39.1	43.2	47.5
	Nmot	kW	18.5	22	22	30	30	37	45	45	55	55
	Lp(A) sc		82	84	85	86	90	94	95	97	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	73	75	77	78
400	Q1	m³/min	18.9	21.0	23.2	25.4	31.9	40.6	44.9	49.3	53.6	58.0
	DT	°C	75	73	72	70	67	64	63	63	62	61
	Nsof	kW	18.0	19.6	21.2	22.9	28.1	35.6	39.6	43.8	48.2	52.9
	Nmot	kW	22	22	30	30	37	45	45	55	55	75
	Lp(A) sc		84	85	87	88	92	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	77	78	79
450	Q1	m³/min	18.1	20.3	22.4	24.6	31.1	39.8	44.2	48.5	52.9	57.2
	DT	°C	96	93	91	89	84	80	79	78	77	76
	Nsof	kW	20.2	22.0	23.8	25.6	31.4	39.6	44.0	48.5	53.3	58.3
	Nmot	kW	30	30	30	30	37	45	55	55	75	75
	Lp(A) sc		85	87	88	90	93	97	99	100	102	103
	Lp(A) cc		<70	<70	<70	<70	71	75	77	78	80	81
500	Q1	m³/min					30.3	39.0	43.3	47.7	52.0	56.4
	DT	°C					105	100	98	97	95	94
	Nsof	kW					34.6	43.6	48.3	53.2	58.4	63.8
	Nmot	kW					45	55	55	75	75	75
	Lp(A) sc						95	99	101	102	104	105
	Lp(A) cc						73	77	79	80	82	83
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 106

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4		2							
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
300	Q1	m³/min	28.9	31.9	34.8	37.8	46.7	58.6	64.5	70.5	76.4	82.4
	DT	°C	31	30	30	29	28	28	27	27	27	27
	Nsof	kW	18.4	20.1	21.8	23.5	28.8	36.5	40.6	44.9	49.5	54.3
	Nmot	kW	22	30	30	30	37	45	55	55	75	75
	Lp(A) sc		82	83	85	86	89	93	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	76	77
400	Q1	m³/min	27.9	30.8	33.8	36.8	45.7	57.6	63.5	69.4	75.4	81.3
	DT	°C	42	41	41	40	39	38	37	37	36	36
	Nsof	kW	24.4	26.5	28.7	30.9	37.7	47.4	52.5	57.8	63.3	69.1
	Nmot	kW	30	30	37	37	45	55	75	75	75	90
	Lp(A) sc		83	85	86	87	91	95	97	98	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	76	78	79
500	Q1	m³/min	26.9	29.9	32.9	35.8	44.8	56.6	62.6	68.5	74.5	80.4
	DT	°C	55	53	52	51	49	48	47	47	46	46
	Nsof	kW	30.3	33.0	35.6	38.3	46.6	58.3	64.4	70.7	77.2	84.0
	Nmot	kW	37	37	45	45	55	75	75	90	90	110
	Lp(A) sc		84	86	87	89	92	96	98	100	101	102
	Lp(A) cc		<70	<70	<70	<70	70	74	76	78	79	80
600	Q1	m³/min	26.1	29.1	32.0	35.0	43.9	55.8	61.7	67.7	73.6	79.6
	DT	°C	68	66	64	63	60	58	57	57	56	56
	Nsof	kW	36.3	39.4	42.6	45.8	55.6	69.2	76.3	83.5	91.1	98.8
	Nmot	kW	45	45	55	55	75	90	90	110	110	110
	Lp(A) sc		86	87	89	90	94	98	99	101	102	104
	Lp(A) cc		<70	<70	<70	<70	72	76	77	79	80	82
700	Q1	m³/min	25.3	28.3	31.3	34.3	43.2	55.0	61.0	66.9	72.9	78.8
	DT	°C	81	79	77	75	72	69	68	67	66	65
	Nsof	kW	42.2	45.8	49.5	53.2	64.5	80.1	88.1	96.4	104.9	113.7
	Nmot	kW	55	55	75	75	75	90	110	110	132	132
	Lp(A) sc		87	89	90	91	95	99	101	102	104	105
	Lp(A) cc		<70	<70	<70	<70	73	77	79	80	82	83
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 106

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4			2						
	rpm		1200	1300	1400	1500	1800	2200	2400	2600	2800	3000
200	Q1	m³/min	29.5	32.5	35.4	38.4	47.3	59.2	65.1	71.1	77.0	83.0
	DT	°C	25	24	24	24	23	23	23	22	22	22
	Nsof	kW	12.5	13.7	14.8	16.1	19.9	25.6	28.7	32.1	35.6	39.4
	Nmot	kW	15	18.5	18.5	18.5	30	30	37	37	45	45
	Lp(A) sc		81	82	84	85	89	93	94	96	97	99
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	74	75	77
250	Q1	m³/min	28.5	31.5	34.5	37.5	46.4	58.2	64.2	70.1	76.1	82.0
	DT	°C	34	34	33	33	32	31	30	30	30	30
	Nsof	kW	15.5	16.9	18.3	19.8	24.4	31.1	34.7	38.5	42.6	46.8
	Nmot	kW	18.5	22	22	30	30	37	45	45	55	55
	Lp(A) sc		82	84	85	86	90	94	96	97	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	72	74	75	77	78
300	Q1	m³/min	27.6	30.6	33.5	36.5	45.4	57.3	63.2	69.2	75.1	81.1
	DT	°C	45	44	44	43	41	40	40	39	39	39
	Nsof	kW	18.4	20.1	21.8	23.5	28.8	36.5	40.6	44.9	49.5	54.3
	Nmot	kW	22	30	30	30	37	45	55	55	75	75
	Lp(A) sc		83	85	86	88	91	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	<70	73	75	77	78	79
350	Q1	m³/min	26.6	29.6	32.6	35.5	44.5	56.3	62.3	68.2	74.2	80.1
	DT	°C	59	58	56	55	53	51	51	50	50	49
	Nsof	kW	21.4	23.3	25.2	27.2	33.3	41.9	46.6	51.4	56.4	61.7
	Nmot	kW	30	30	30	37	45	55	55	75	75	75
	Lp(A) sc		85	87	88	89	93	97	98	100	102	103
	Lp(A) cc		<70	<70	<70	<70	71	75	76	78	80	81
400	Q1	m³/min	25.6	28.6	31.6	34.5	43.5	55.3	61.3	67.2	73.2	79.1
	DT	°C	76	74	72	70	67	65	64	63	62	62
	Nsof	kW	24.4	26.5	28.7	30.9	37.7	47.4	52.5	57.8	63.3	69.1
	Nmot	kW	30	30	37	37	45	55	75	75	75	90
	Lp(A) sc		87	88	90	91	95	98	100	102	103	104
	Lp(A) cc		<70	<70	<70	<70	73	76	78	80	81	82
450	Q1	m³/min				33.5	42.4	54.3	60.2	66.1	72.1	78.0
	DT	°C				89	84	81	79	78	77	76
	Nsof	kW				34.6	42.2	52.8	58.4	64.2	70.3	76.5
	Nmot	kW				45	55	75	75	75	90	90
	Lp(A) sc					93	96	100	102	103	105	106
	Lp(A) cc					71	74	78	80	81	83	84
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 115

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
300	Q1	m³/min	23.4	26.6	33.1	39.6	42.8	46.1	52.6	59.0	65.5	72.0
	DT	°C	31	30	29	28	28	28	28	27	27	27
	Nsof	kW	15.3	17.1	21.0	25.2	27.4	29.7	34.6	39.8	45.5	51.7
	Nmot	kW	18.5	22	30	30	37	37	45	45	55	75
	Lp(A) sc		74	76	80	83	84	85	87	90	91	93
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	71
400	Q1	m³/min	22.5	25.8	32.2	38.7	42.0	45.2	51.7	58.2	64.6	71.1
	DT	°C	43	42	40	39	38	38	37	37	36	36
	Nsof	kW	20.1	22.5	27.5	32.8	35.5	38.4	44.3	50.6	57.4	64.7
	Nmot	kW	30	30	37	37	45	45	55	75	75	75
	Lp(A) sc		75	77	81	84	85	87	89	91	93	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	71	73
500	Q1	m³/min	21.7	25.0	31.5	37.9	41.2	44.4	50.9	57.4	63.9	70.3
	DT	°C	55	54	51	49	49	48	47	47	46	46
	Nsof	kW	25.0	27.9	34.0	40.4	43.6	47.0	54.0	61.4	69.3	77.7
	Nmot	kW	30	37	45	45	55	55	75	75	90	90
	Lp(A) sc		77	79	82	85	87	88	90	92	94	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	70	72	74
600	Q1	m³/min	21.0	24.3	30.7	37.2	40.5	43.7	50.2	56.7	63.1	69.6
	DT	°C	69	66	63	60	60	59	58	57	56	55
	Nsof	kW	29.8	33.3	40.5	47.9	51.7	55.6	63.7	72.2	81.2	90.6
	Nmot	kW	37	45	55	55	75	75	75	90	90	110
	Lp(A) sc		78	80	84	87	88	89	92	94	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	72	74	75
700	Q1	m³/min	20.4	23.6	30.1	36.6	39.8	43.1	49.5	56.0	62.5	69.0
	DT	°C	83	79	75	72	71	70	68	67	66	65
	Nsof	kW	34.7	38.7	47.0	55.5	59.8	64.3	73.5	83.0	93.1	103.6
	Nmot	kW	45	45	55	75	75	75	90	90	110	132
	Lp(A) sc		79	81	85	88	89	91	93	95	97	99
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	75	77
800	Q1	m³/min	19.8	23.0	29.5	36.0	39.2	42.4	48.9	55.4	61.9	68.4
	DT	°C	98	93	87	83	82	81	79	77	76	75
	Nsof	kW	39.6	44.1	53.4	63.0	67.9	72.9	83.2	93.8	104.9	116.5
	Nmot	kW	45	55	75	75	90	90	90	110	132	132
	Lp(A) sc		81	83	86	89	91	92	94	96	98	100
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	76	78
900	Q1	m³/min	19.2	22.4	28.9	35.4	38.6	41.9	48.4	54.8	61.3	67.8
	DT	°C	113	107	100	95	94	92	90	88	86	85
	Nsof	kW	44.4	49.5	59.9	70.6	76.0	81.6	92.9	104.6	116.8	129.5
	Nmot	kW	55	75	75	90	90	90	110	132	132	160
	Lp(A) sc		82	84	87	90	92	93	95	97	99	101
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	77	79
1000	Q1	m³/min	18.7	21.9	28.4	34.9	38.1	41.3	47.8	54.3	60.8	67.3
	DT	°C	129	122	113	108	105	104	101	99	97	96
	Nsof	kW	49.3	54.9	66.4	78.2	84.1	90.2	102.6	115.4	128.7	142.5
	Nmot	kW	55	75	75	90	110	110	132	132	160	160
	Lp(A) sc		83	85	88	91	93	94	96	98	100	102
	Lp(A) cc		<70	<70	<70	<70	71	72	74	76	78	80

PEDRO GIL

Performances

BPG 115

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
200	Q1	m³/min	23.9	27.2	33.6	40.1	43.4	46.6	53.1	59.6	66.0	72.5
	DT	°C	25	25	24	23	23	23	23	22	22	22
	Nsof	kW	10.4	11.7	14.6	17.7	19.3	21.1	24.9	29.0	33.7	38.8
	Nmot	kW	15	15	18.5	22	22	30	30	37	45	45
	Lp(A) sc		73	75	79	82	83	84	87	89	91	92
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	70
250	Q1	m³/min	23.1	26.3	32.8	39.3	42.5	45.8	52.3	58.7	65.2	71.7
	DT	°C	35	34	32	32	31	31	31	30	30	30
	Nsof	kW	12.8	14.4	17.8	21.5	23.4	25.4	29.7	34.4	39.6	45.3
	Nmot	kW	15	18.5	22	30	30	30	37	45	45	55
	Lp(A) sc		74	76	80	83	84	86	88	90	92	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	72
300	Q1	m³/min	22.3	25.5	32.0	38.5	41.7	45.0	51.5	57.9	64.4	70.9
	DT	°C	46	45	43	41	41	41	40	39	39	39
	Nsof	kW	15.3	17.1	21.0	25.2	27.4	29.7	34.6	39.8	45.5	51.7
	Nmot	kW	18.5	22	30	30	37	37	45	45	55	75
	Lp(A) sc		76	78	81	84	86	87	89	91	93	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	71	73
350	Q1	m³/min	21.5	24.7	31.2	37.7	40.9	44.2	50.6	57.1	63.6	70.1
	DT	°C	60	58	55	53	52	52	51	50	50	49
	Nsof	kW	17.7	19.8	24.3	29.0	31.5	34.0	39.4	45.2	51.5	58.2
	Nmot	kW	22	30	30	37	37	45	45	55	75	75
	Lp(A) sc		77	79	83	86	87	89	91	93	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	73	74
400	Q1	m³/min	20.6	23.9	30.3	36.8	40.1	43.3	49.8	56.3	62.7	69.2
	DT	°C	77	74	70	67	66	65	64	63	62	61
	Nsof	kW	20.1	22.5	27.5	32.8	35.5	38.4	44.3	50.6	57.4	64.7
	Nmot	kW	30	30	37	37	45	45	55	75	75	75
	Lp(A) sc		79	81	85	88	89	90	93	95	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	74	76
450	Q1	m³/min	19.7	22.9	29.4	35.9	39.1	42.4	48.9	55.3	61.8	68.3
	DT	°C	99	94	88	85	83	82	80	78	77	76
	Nsof	kW	22.5	25.2	30.8	36.6	39.6	42.7	49.2	56.0	63.4	71.2
	Nmot	kW	30	30	37	45	45	55	55	75	75	90
	Lp(A) sc		81	83	86	89	91	92	94	96	98	100
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	76	78
500	Q1	m³/min	18.7	22.0	28.4	34.9	38.2	41.4	47.9	54.4	60.8	67.3
	DT	°C	127	120	112	106	104	102	99	97	96	94
	Nsof	kW	25.0	27.9	34.0	40.4	43.6	47.0	54.0	61.4	69.3	77.7
	Nmot	kW	30	37	45	45	55	55	75	75	90	90
	Lp(A) sc		83	85	88	91	93	94	96	98	100	102
	Lp(A) cc		<70	<70	<70	<70	71	72	74	76	78	80
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 125

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
300	Q1	m³/min	30.4	34.6	42.8	51.1	55.3	59.4	67.7	76.0	84.2	92.5
	DT	°C	30	30	29	28	28	28	27	27	27	27
	Nsof	kW	19.4	21.7	26.6	31.8	34.5	37.3	43.3	49.6	56.5	63.9
	Nmot	kW	22	30	30	37	45	45	55	75	75	75
	Lp(A) sc		77	79	83	86	87	88	90	93	94	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	74
400	Q1	m³/min	29.4	33.5	41.8	50.1	54.2	58.4	66.6	74.9	83.2	91.5
	DT	°C	42	41	39	38	38	38	37	37	36	36
	Nsof	kW	25.6	28.6	34.9	41.5	44.9	48.4	55.7	63.4	71.7	80.5
	Nmot	kW	30	37	45	55	55	55	75	75	90	90
	Lp(A) sc		78	80	84	87	88	90	92	94	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	72	74	76
500	Q1	m³/min	28.4	32.6	40.9	49.1	53.3	57.4	65.7	74.0	82.3	90.5
	DT	°C	54	53	50	49	48	48	47	46	46	45
	Nsof	kW	31.8	35.5	43.2	51.1	55.2	59.4	68.1	77.2	86.9	97.0
	Nmot	kW	37	45	55	75	75	75	90	90	110	110
	Lp(A) sc		80	82	85	88	90	91	93	95	97	99
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	75	77
600	Q1	m³/min	27.6	31.7	40.0	48.3	52.4	56.6	64.9	73.1	81.4	89.7
	DT	°C	67	65	62	60	59	58	57	56	55	55
	Nsof	kW	38.0	42.4	51.5	60.8	65.6	70.5	80.5	91.0	102.0	113.6
	Nmot	kW	45	55	75	75	75	90	90	110	132	132
	Lp(A) sc		81	83	87	90	91	92	95	97	99	100
	Lp(A) cc		<70	<70	<70	<70	<70	70	73	75	77	78
700	Q1	m³/min	26.8	31.0	39.2	47.5	51.7	55.8	64.1	72.4	80.6	88.9
	DT	°C	80	77	73	71	70	69	67	66	65	65
	Nsof	kW	44.2	49.3	59.7	70.4	75.9	81.5	92.9	104.8	117.2	130.2
	Nmot	kW	55	55	75	90	90	90	110	132	132	160
	Lp(A) sc		82	84	88	91	92	94	96	98	100	102
	Lp(A) cc		<70	<70	<70	<70	70	72	74	76	78	80
800	Q1	m³/min	26.1	30.2	38.5	46.8	50.9	55.1	63.4	71.6	79.9	88.2
	DT	°C	94	91	85	82	81	80	78	76	75	74
	Nsof	kW	50.4	56.2	68.0	80.1	86.3	92.5	105.4	118.6	132.4	146.7
	Nmot	kW	75	75	90	90	110	110	132	132	160	160
	Lp(A) sc		84	86	89	92	94	95	97	99	101	103
	Lp(A) cc		<70	<70	<70	70	72	73	75	77	79	81
900	Q1	m³/min	25.4	29.6	37.8	46.1	50.3	54.4	62.7	71.0	79.2	87.5
	DT	°C	109	104	98	93	92	91	88	87	85	84
	Nsof	kW	56.6	63.1	76.3	89.8	96.6	103.6	117.8	132.4	147.6	163.3
	Nmot	kW	75	75	90	110	110	132	132	160	160	200
	Lp(A) sc		85	87	90	93	95	96	98	100	102	104
	Lp(A) cc		<70	<70	<70	71	73	74	76	78	80	82
1000	Q1	m³/min				45.5	49.6	53.8	62.0	70.3	78.6	86.9
	DT	°C				105	103	102	99	97	96	95
	Nsof	kW				99.4	107.0	114.6	130.2	146.2	162.8	179.8
	Nmot	kW				110	132	132	160	160	200	200
	Lp(A) sc					94	96	97	99	101	103	105
	Lp(A) cc					72	74	75	77	79	81	83

PEDRO GIL

Performances

BPG 125

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
200	Q1	m³/min	31.0	35.2	43.5	51.7	55.9	60.0	68.3	76.6	84.9	93.1
	DT	°C	25	24	24	23	23	23	22	22	22	22
	Nsof	kW	13.2	14.8	18.3	22.1	24.2	26.3	30.8	35.8	41.3	47.4
	Nmot	kW	15	18.5	22	30	30	30	37	45	55	55
	Lp(A) sc		76	78	82	85	86	87	90	92	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	72	73
250	Q1	m³/min	30.1	34.2	42.5	50.8	54.9	59.1	67.3	75.6	83.9	92.2
	DT	°C	34	33	32	31	31	31	30	30	30	30
	Nsof	kW	16.3	18.3	22.5	27.0	29.4	31.8	37.1	42.7	48.9	55.6
	Nmot	kW	18.5	22	30	37	37	37	45	55	55	75
	Lp(A) sc		77	79	83	86	87	89	91	93	95	97
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	73	75
300	Q1	m³/min	29.1	33.3	41.5	49.8	54.0	58.1	66.4	74.7	82.9	91.2
	DT	°C	45	44	42	41	41	40	40	39	39	38
	Nsof	kW	19.4	21.7	26.6	31.8	34.5	37.3	43.3	49.6	56.5	63.9
	Nmot	kW	22	30	30	37	45	45	55	75	75	75
	Lp(A) sc		79	81	84	87	89	90	92	94	96	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	72	74	76
350	Q1	m³/min	28.1	32.3	40.6	48.8	53.0	57.1	65.4	73.7	82.0	90.2
	DT	°C	59	57	54	52	52	51	50	50	49	49
	Nsof	kW	22.5	25.2	30.8	36.6	39.7	42.9	49.5	56.5	64.1	72.2
	Nmot	kW	30	30	37	45	45	55	75	75	75	90
	Lp(A) sc		80	82	86	89	90	92	94	96	98	99
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	76	77
400	Q1	m³/min	27.1	31.3	39.5	47.8	52.0	56.1	64.4	72.7	80.9	89.2
	DT	°C	75	72	69	66	65	65	63	62	61	61
	Nsof	kW	25.6	28.6	34.9	41.5	44.9	48.4	55.7	63.4	71.7	80.5
	Nmot	kW	30	37	45	55	55	55	75	75	90	90
	Lp(A) sc		82	84	88	91	92	93	96	98	99	101
	Lp(A) cc		<70	<70	<70	<70	<70	71	74	76	77	79
450	Q1	m³/min	26.0	30.2	38.5	46.7	50.9	55.0	63.3	71.6	79.9	88.1
	DT	°C	96	92	86	83	82	81	79	77	76	75
	Nsof	kW	28.7	32.1	39.0	46.3	50.1	53.9	61.9	70.3	79.3	88.8
	Nmot	kW	37	37	45	55	75	75	75	90	90	110
	Lp(A) sc		84	86	89	92	94	95	97	99	101	103
	Lp(A) cc		<70	<70	<70	70	72	73	75	77	79	81
500	Q1	m³/min			37.3	45.6	49.7	53.8	62.1	70.4	78.7	87.0
	DT	°C			109	104	102	100	98	96	94	93
	Nsof	kW			43.2	51.1	55.2	59.4	68.1	77.2	86.9	97.0
	Nmot	kW			55	75	75	75	90	90	110	110
	Lp(A) sc				91	94	96	97	99	101	103	105
	Lp(A) cc				<70	72	74	75	77	79	81	83
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 126

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
300	Q1	m³/min	41.9	47.8	59.6	71.4	77.3	83.2	95.1	106.9	118.7	130.5
	DT	°C	31	31	30	29	28	28	28	27	27	27
	Nsof	kW	27.4	30.7	37.4	44.5	48.2	51.9	59.8	68.2	77.1	86.7
	Nmot	kW	37	37	45	55	55	75	75	90	90	110
	Lp(A) sc		80	82	86	89	90	91	93	96	97	99
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	74	75	77
400	Q1	m³/min	40.1	46.0	57.8	69.7	75.6	81.5	93.3	105.1	116.9	128.8
	DT	°C	44	42	41	39	39	38	38	37	37	36
	Nsof	kW	36.3	40.5	49.2	58.3	62.9	67.7	77.6	87.9	98.8	110.3
	Nmot	kW	45	55	55	75	75	90	90	110	110	132
	Lp(A) sc		81	83	87	90	91	93	95	97	99	101
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	77	79
500	Q1	m³/min	38.6	44.5	56.3	68.1	74.0	79.9	91.8	103.6	115.4	127.2
	DT	°C	57	55	52	50	49	49	48	47	47	46
	Nsof	kW	45.2	50.4	61.1	72.1	77.7	83.5	95.3	107.6	120.5	134.0
	Nmot	kW	55	75	75	90	90	110	110	132	132	160
	Lp(A) sc		83	85	88	91	93	94	96	98	100	102
	Lp(A) cc		<70	<70	<70	<70	71	72	74	76	78	80
600	Q1	m³/min	37.2	43.1	54.9	66.7	72.6	78.5	90.4	102.2	114.0	125.8
	DT	°C	71	68	64	61	61	60	58	57	57	56
	Nsof	kW	54.0	60.2	72.9	85.9	92.5	99.2	113.0	127.3	142.2	157.6
	Nmot	kW	75	75	90	110	110	110	132	160	160	200
	Lp(A) sc		84	86	90	93	94	95	98	100	102	103
	Lp(A) cc		<70	<70	<70	71	72	73	76	78	80	81
700	Q1	m³/min	35.9	41.8	53.6	65.4	71.3	77.3	89.1	100.9	112.7	124.5
	DT	°C	86	82	77	73	72	71	69	68	67	66
	Nsof	kW	62.9	70.1	84.7	99.7	107.3	115.0	130.8	147.0	163.8	181.2
	Nmot	kW	75	90	110	110	132	132	160	160	200	200
	Lp(A) sc		85	87	91	94	95	97	99	101	103	105
	Lp(A) cc		<70	<70	<70	72	73	75	77	79	81	83
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 126

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									2
	rpm		900	1000	1200	1400	1500	1600	1800	2000	2200	2400
200	Q1	m³/min	42.9	48.8	60.6	72.4	78.3	84.2	96.1	107.9	119.7	131.5
	DT	°C	26	25	24	24	23	23	23	23	22	22
	Nsof	kW	18.6	20.8	25.6	30.7	33.4	36.2	42.1	48.5	55.5	63.0
	Nmot	kW	22	30	30	37	45	45	55	55	75	75
	Lp(A) sc		79	81	85	88	89	90	93	95	97	98
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	73	75	76
250	Q1	m³/min	41.3	47.2	59.0	70.8	76.7	82.6	94.5	106.3	118.1	129.9
	DT	°C	35	34	33	32	32	31	31	31	30	30
	Nsof	kW	23.0	25.8	31.5	37.6	40.8	44.1	51.0	58.4	66.3	74.9
	Nmot	kW	30	30	37	45	55	55	75	75	75	90
	Lp(A) sc		80	82	86	89	90	92	94	96	98	100
	Lp(A) cc		<70	<70	<70	<70	<70	<70	72	74	76	78
300	Q1	m³/min	39.7	45.6	57.4	69.2	75.1	81.1	92.9	104.7	116.5	128.3
	DT	°C	47	46	44	42	42	41	40	40	39	39
	Nsof	kW	27.4	30.7	37.4	44.5	48.2	51.9	59.8	68.2	77.1	86.7
	Nmot	kW	37	37	45	55	55	75	75	90	90	110
	Lp(A) sc		82	84	87	90	92	93	95	97	99	101
	Lp(A) cc		<70	<70	<70	<70	<70	71	73	75	77	79
350	Q1	m³/min	38.1	44.0	55.8	67.6	73.5	79.4	91.3	103.1	114.9	126.7
	DT	°C	62	59	56	54	53	53	52	51	50	49
	Nsof	kW	31.9	35.6	43.3	51.4	55.6	59.8	68.7	78.1	88.0	98.5
	Nmot	kW	37	45	55	75	75	75	90	90	110	110
	Lp(A) sc		83	85	89	92	93	95	97	99	101	102
	Lp(A) cc		<70	<70	<70	<70	71	73	75	77	79	80
400	Q1	m³/min	36.4	42.3	54.1	65.9	71.8	77.7	89.6	101.4	113.2	125.0
	DT	°C	80	76	72	69	67	66	65	64	63	62
	Nsof	kW	36.3	40.5	49.2	58.3	62.9	67.7	77.6	87.9	98.8	110.3
	Nmot	kW	45	55	55	75	75	90	90	110	110	132
	Lp(A) sc		85	87	91	94	95	96	99	101	102	104
	Lp(A) cc		<70	<70	<70	72	73	74	77	79	80	82
450	Q1	m³/min				64.1	70.0	76.0	87.8	99.6	111.4	123.2
	DT	°C				86	85	83	81	79	78	77
	Nsof	kW				65.2	70.3	75.6	86.4	97.8	109.7	122.1
	Nmot	kW				75	90	90	110	110	132	132
	Lp(A) sc					95	97	98	100	102	104	106
	Lp(A) cc					73	75	76	78	80	82	84
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 135

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
300	Q1	m³/min	45.5	57.5	69.5	75.5	81.5	87.5	93.5	99.5	105.5	111.5
	DT	°C	29	28	28	28	27	27	27	27	27	27
	Nsof	kW	28.2	35.3	42.7	46.7	50.7	55.0	59.4	63.9	68.7	73.6
	Nmot	kW	37	45	55	55	75	75	75	75	90	90
	Lp(A) sc		78	82	85	87	88	89	90	91	92	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	70	72
400	Q1	m³/min	44.2	56.2	68.2	74.2	80.2	86.2	92.2	98.2	104.2	110.2
	DT	°C	40	39	38	37	37	37	37	36	36	36
	Nsof	kW	37.2	46.3	55.7	60.7	65.7	71.0	76.4	81.9	87.7	93.6
	Nmot	kW	45	55	75	75	75	90	90	90	110	110
	Lp(A) sc		79	83	87	88	89	91	92	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	71	72	73
500	Q1	m³/min	43.1	55.1	67.1	73.1	79.1	85.1	91.1	97.1	103.1	109.1
	DT	°C	52	50	48	47	47	47	46	46	46	45
	Nsof	kW	46.2	57.3	68.7	74.7	80.7	87.0	93.4	99.9	106.7	113.6
	Nmot	kW	55	75	90	90	90	110	110	110	132	132
	Lp(A) sc		81	85	88	89	91	92	93	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	70	71	72	73	74
600	Q1	m³/min	42.0	54.0	66.0	72.0	78.0	84.0	90.0	96.0	102.0	108.0
	DT	°C	64	61	59	58	57	57	56	56	55	55
	Nsof	kW	55.2	68.3	81.7	88.7	95.7	103.0	110.4	117.9	125.7	133.6
	Nmot	kW	75	90	90	110	110	132	132	132	160	160
	Lp(A) sc		82	86	89	91	92	93	95	96	97	98
	Lp(A) cc		<70	<70	<70	<70	70	71	73	74	75	76
700	Q1	m³/min	41.1	53.1	65.1	71.1	77.1	83.1	89.1	95.1	101.1	107.1
	DT	°C	76	72	69	68	68	67	66	66	65	65
	Nsof	kW	64.2	79.3	94.7	102.7	110.7	119.0	127.4	135.9	144.7	153.6
	Nmot	kW	75	90	110	132	132	132	160	160	160	200
	Lp(A) sc		83	87	91	92	93	95	96	97	98	99
	Lp(A) cc		<70	<70	<70	70	71	73	74	75	76	77
800	Q1	m³/min	40.2	52.2	64.2	70.2	76.2	82.2	88.2	94.2	100.2	106.2
	DT	°C	89	84	80	79	78	77	76	76	75	75
	Nsof	kW	73.2	90.3	107.7	116.7	125.7	135.0	144.4	153.9	163.7	173.6
	Nmot	kW	90	110	132	132	160	160	160	200	200	200
	Lp(A) sc		85	89	92	93	95	96	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	73	74	75	76	77	78
900	Q1	m³/min	39.4	51.4	63.4	69.4	75.4	81.4	87.4	93.4	99.4	105.4
	DT	°C	102	96	92	90	89	88	87	86	85	85
	Nsof	kW	82.2	101.3	120.7	130.7	140.7	151.0	161.4	171.9	182.7	193.6
	Nmot	kW	90	110	132	160	160	200	200	200	200	250
	Lp(A) sc		86	90	93	94	96	97	98	99	100	101
	Lp(A) cc		<70	<70	71	72	74	75	76	77	78	79
1000	Q1	m³/min	38.6	50.6	62.6	68.6	74.6	80.6	86.6	92.6	98.6	104.6
	DT	°C	116	108	103	101	100	98	97	96	96	95
	Nsof	kW	91.2	112.3	133.7	144.7	155.7	167.0	178.4	189.9	201.7	213.6
	Nmot	kW	110	132	160	160	200	200	200	250	250	250
	Lp(A) sc		87	91	94	95	97	98	99	100	101	102
	Lp(A) cc		<70	<70	72	73	75	76	77	78	79	80

PEDRO GIL

Performances

BPG 135

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
200	Q1	m³/min	46.3	58.3	70.3	76.3	82.3	88.3	94.3	100.3	106.3	112.3
	DT	°C	24	23	23	23	23	22	22	22	22	22
	Nsof	kW	19.2	24.3	29.7	32.7	35.7	39.0	42.4	45.9	49.7	53.6
	Nmot	kW	22	30	37	37	45	45	55	55	75	75
	Lp(A) sc		77	81	84	86	87	88	90	91	92	93
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	<70	71
250	Q1	m³/min	45.1	57.1	69.1	75.1	81.1	87.1	93.1	99.1	105.1	111.1
	DT	°C	33	32	31	31	30	30	30	30	30	30
	Nsof	kW	23.7	29.8	36.2	39.7	43.2	47.0	50.9	54.9	59.2	63.6
	Nmot	kW	30	37	45	45	55	55	75	75	75	75
	Lp(A) sc		78	82	86	87	88	90	91	92	93	94
	Lp(A) cc		<70	<70	<70	<70	<70	<70	<70	<70	71	72
300	Q1	m³/min	43.9	55.9	67.9	73.9	79.9	85.9	91.9	97.9	103.9	109.9
	DT	°C	43	42	40	40	40	39	39	39	39	38
	Nsof	kW	28.2	35.3	42.7	46.7	50.7	55.0	59.4	63.9	68.7	73.6
	Nmot	kW	37	45	55	55	75	75	75	75	90	90
	Lp(A) sc		80	84	87	88	90	91	92	93	94	95
	Lp(A) cc		<70	<70	<70	<70	<70	<70	70	71	72	73
350	Q1	m³/min	42.7	54.7	66.7	72.7	78.7	84.7	90.7	96.7	102.7	108.7
	DT	°C	56	53	52	51	51	50	50	49	49	49
	Nsof	kW	32.7	40.8	49.2	53.7	58.2	63.0	67.9	72.9	78.2	83.6
	Nmot	kW	37	55	55	75	75	75	90	90	90	110
	Lp(A) sc		81	85	89	90	91	93	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	73	74	75
400	Q1	m³/min	41.5	53.5	65.5	71.5	77.5	83.5	89.5	95.5	101.5	107.5
	DT	°C	71	67	65	64	63	63	62	62	61	61
	Nsof	kW	37.2	46.3	55.7	60.7	65.7	71.0	76.4	81.9	87.7	93.6
	Nmot	kW	45	55	75	75	75	90	90	90	110	110
	Lp(A) sc		83	87	90	92	93	94	95	97	98	99
	Lp(A) cc		<70	<70	<70	<70	71	72	73	75	76	77
450	Q1	m³/min	40.1	52.1	64.1	70.1	76.1	82.1	88.1	94.1	100.1	106.1
	DT	°C	90	85	81	80	79	78	77	77	76	76
	Nsof	kW	41.7	51.8	62.2	67.7	73.2	79.0	84.9	90.9	97.2	103.6
	Nmot	kW	55	75	75	90	90	90	110	110	110	132
	Lp(A) sc		85	89	92	93	95	96	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	73	74	75	76	77	78
500	Q1	m³/min	38.7	50.7	62.7	68.7	74.7	80.7	86.7	92.7	98.7	104.7
	DT	°C	114	106	102	100	98	97	96	95	94	94
	Nsof	kW	46.2	57.3	68.7	74.7	80.7	87.0	93.4	99.9	106.7	113.6
	Nmot	kW	55	75	90	90	90	110	110	110	132	132
	Lp(A) sc		87	91	94	95	97	98	99	100	101	102
	Lp(A) cc		<70	<70	72	73	75	76	77	78	79	80
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 145

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
300	Q1	m³/min	66.0	83.4	100.9	109.6	118.4	127.1	135.8	144.6	153.3	162.0
	DT	°C	30	29	28	28	27	27	27	27	27	27
	Nsof	kW	40.8	50.8	61.4	66.9	72.6	78.4	84.5	90.8	97.3	104.1
	Nmot	kW	55	75	75	75	90	90	110	110	110	132
	Lp(A) sc		81	85	88	90	91	92	93	94	95	97
	Lp(A) cc		<70	<70	<70	<70	<70	70	71	72	73	75
400	Q1	m³/min	64.0	81.5	99.0	107.7	116.4	125.1	133.9	142.6	151.3	160.1
	DT	°C	41	39	38	38	37	37	37	36	36	36
	Nsof	kW	53.9	66.8	80.3	87.2	94.4	101.7	109.3	117.0	125.0	133.2
	Nmot	kW	75	75	90	110	110	132	132	132	160	160
	Lp(A) sc		82	86	90	91	92	94	95	96	97	98
	Lp(A) cc		<70	<70	<70	<70	70	72	73	74	75	76
500	Q1	m³/min	62.3	79.8	97.2	106.0	114.7	123.4	132.2	140.9	149.6	158.4
	DT	°C	52	50	48	48	47	47	46	46	46	46
	Nsof	kW	67.0	82.8	99.2	107.6	116.2	125	134.0	143.2	152.6	162.3
	Nmot	kW	75	90	110	132	132	160	160	160	200	200
	Lp(A) sc		84	88	91	92	94	95	96	97	98	99
	Lp(A) cc		<70	<70	<70	70	72	73	74	75	76	77
600	Q1	m³/min	60.8	78.2	95.7	104.4	113.2	121.9	130.6	139.3	148.1	156.8
	DT	°C	64	61	59	58	57	57	56	56	56	55
	Nsof	kW	80.1	98.8	118.1	128.0	138.0	148.3	158.7	169.4	180.3	191.4
	Nmot	kW	90	110	132	160	160	200	200	200	200	250
	Lp(A) sc		85	89	92	94	95	96	98	99	100	101
	Lp(A) cc		<70	<70	70	72	73	74	76	77	78	79
700	Q1	m³/min	59.3	76.8	94.3	103.0	111.7	120.5	129.2	137.9	146.6	155.4
	DT	°C	77	72	70	69	68	67	66	66	65	65
	Nsof	kW	93.2	114.8	137.0	148.4	159.9	171.6	183.5	195.6	207.9	220.5
	Nmot	kW	110	132	160	200	200	200	200	250	250	250
	Lp(A) sc		86	90	94	95	96	98	98	100	101	102
	Lp(A) cc		<70	<70	72	73	74	76	77	78	79	80
800	Q1	m³/min	58.0	75.5	92.9	101.7	110.4	119.1	127.9	136.6	145.3	154.0
	DT	°C	90	84	81	79	78	78	77	76	75	75
	Nsof	kW	106.3	130.8	155.9	168.7	181.7	194.8	208.2	221.8	235.6	249.6
	Nmot	kW	132	160	200	200	200	250	250	250	315	315
	Lp(A) sc		88	92	95	96	98	99	100	101	102	103
	Lp(A) cc		<70	<70	73	74	76	77	78	79	80	81
900	Q1	m³/min	56.8	74.2	91.7	100.4	109.2	117.9	126.6	135.3	144.1	152.8
	DT	°C	103	96	92	91	89	88	87	86	86	85
	Nsof	kW	119.4	146.8	174.8	189.1	203.5	218.1	232.9	248.0	263.2	278.7
	Nmot	kW	132	160	200	250	250	250	315	315	315	315
	Lp(A) sc		89	93	96	97	99	100	101	102	103	104
	Lp(A) cc		<70	71	74	75	77	78	79	80	81	82
1000	Q1	m³/min		73.1	90.5	99.2	108.0	116.7	125.4	134.2	142.9	151.6
	DT	°C		109	104	102	100	99	98	97	96	95
	Nsof	kW		162.8	193.8	209.5	225.3	241.4	257.7	274.1	290.9	307.8
	Nmot	kW		200	250	250	250	315	315	315	315	355
	Lp(A) sc			94	97	98	100	101	102	103	104	105
	Lp(A) cc			72	75	76	78	79	80	81	82	83

PEDRO GIL

Performances

BPG 145

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
200	Q1	m³/min	67.1	84.6	102.0	110.7	119.5	128.2	136.9	145.7	154.4	163.1
	DT	°C	24	23	23	23	23	22	22	22	22	22
	Nsof	kW	27.7	34.8	42.4	46.5	50.7	55.2	59.8	64.6	69.7	75.0
	Nmot	kW	37	45	55	55	75	75	75	75	90	90
	Lp(A) sc		80	84	87	89	90	91	93	94	95	96
	Lp(A) cc		<70	<70	<70	<70	<70	<70	71	72	73	74
250	Q1	m³/min	65.3	82.8	100.3	109.0	117.7	126.4	135.2	143.9	152.6	161.4
	DT	°C	33	32	31	31	31	30	30	30	30	30
	Nsof	kW	34.3	42.8	51.9	56.7	61.7	66.8	72.2	77.7	83.5	89.6
	Nmot	kW	45	55	75	75	75	75	90	90	110	110
	Lp(A) sc		81	85	89	90	91	93	94	95	96	97
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	73	74	75
300	Q1	m³/min	63.6	81.0	98.5	107.2	115.9	124.7	133.4	142.1	150.9	159.6
	DT	°C	44	42	41	40	40	39	39	39	39	39
	Nsof	kW	40.8	50.8	61.4	66.9	72.6	78.4	84.5	90.8	97.3	104.1
	Nmot	kW	55	75	75	75	90	90	110	110	110	132
	Lp(A) sc		83	87	90	91	93	94	95	96	97	98
	Lp(A) cc		<70	<70	<70	<70	71	72	73	74	75	76
350	Q1	m³/min	61.8	79.2	96.7	105.4	114.1	122.9	131.6	140.3	149.1	157.8
	DT	°C	56	54	52	51	51	50	50	49	49	49
	Nsof	kW	47.4	58.8	70.8	77.1	83.5	90.1	96.9	103.9	111.2	118.7
	Nmot	kW	55	75	90	90	110	110	110	132	132	132
	Lp(A) sc		84	88	92	93	94	96	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	72	74	75	76	77	78
400	Q1	m³/min	59.9	77.3	94.8	103.5	112.3	121.0	129.7	138.5	147.2	155.9
	DT	°C	72	68	65	64	64	63	62	62	62	61
	Nsof	kW	53.9	66.8	80.3	87.2	94.4	101.7	109.3	117.0	125.0	133.2
	Nmot	kW	75	75	90	110	110	132	132	132	160	160
	Lp(A) sc		86	90	93	95	96	97	98	100	101	102
	Lp(A) cc		<70	<70	71	73	74	75	76	78	79	80
450	Q1	m³/min	57.9	75.4	92.8	101.5	110.3	119.0	127.7	136.5	145.2	153.9
	DT	°C	91	85	82	81	79	79	78	77	76	76
	Nsof	kW	60.5	74.8	89.7	97.4	105.3	113.4	121.6	130.1	138.8	147.8
	Nmot	kW	75	90	110	110	132	132	132	160	160	160
	Lp(A) sc		88	92	95	96	98	99	100	101	102	103
	Lp(A) cc		<70	<70	73	74	76	77	78	79	80	81
500	Q1	m³/min		73.2	90.7	99.4	108.1	116.8	125.6	134.3	143.0	151.8
	DT	°C		107	102	100	99	98	96	95	95	94
	Nsof	kW		82.8	99.2	107.6	116.2	125.0	134.0	143.2	152.6	162.3
	Nmot	kW		90	110	132	132	160	160	160	200	200
	Lp(A) sc			94	97	98	100	101	102	103	104	105
	Lp(A) cc			72	75	76	78	79	80	81	82	83
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 155

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
300	Q1	m³/min	83.4	104.8	126.3	137.1	147.8	158.5	169.3	180.0	190.8	201.5
	DT	°C	29	28	27	27	27	27	27	27	27	26
	Nsof	kW	50.1	62.3	75.1	81.8	88.7	95.8	103.1	110.7	118.5	126.6
	Nmot	kW	75	75	90	90	110	110	132	132	132	160
	Lp(A) sc		84	88	91	93	94	95	96	97	98	100
	Lp(A) cc		<70	<70	<70	71	72	73	74	75	76	78
400	Q1	m³/min	81.3	102.8	124.3	135.0	145.7	156.5	167.2	178.0	188.7	199.4
	DT	°C	39	38	37	37	37	36	36	36	36	36
	Nsof	kW	66.2	82.0	98.4	106.8	115.5	124.4	133.5	142.9	152.5	162.4
	Nmot	kW	75	90	110	132	132	160	160	160	200	200
	Lp(A) sc		85	89	93	94	95	97	98	99	100	101
	Lp(A) cc		<70	<70	71	72	73	75	76	77	78	79
500	Q1	m³/min	79.5	101.0	122.4	133.2	143.9	154.7	165.4	176.1	186.9	197.6
	DT	°C	50	48	47	47	46	46	46	45	45	45
	Nsof	kW	82.3	101.6	121.6	131.9	142.4	153.0	163.9	175.1	186.5	198.2
	Nmot	kW	90	110	132	160	160	200	200	200	250	250
	Lp(A) sc		87	91	94	95	97	98	99	100	101	102
	Lp(A) cc		<70	<70	72	73	75	76	77	78	79	80
600	Q1	m³/min	77.8	99.3	120.8	131.5	142.3	153.0	163.8	174.5	185.2	196.0
	DT	°C	62	59	57	57	56	56	55	55	55	54
	Nsof	kW	98.4	121.3	144.9	156.9	169.2	181.7	194.4	207.3	220.5	234.0
	Nmot	kW	110	132	160	200	200	200	250	250	250	315
	Lp(A) sc		88	92	95	97	98	99	101	102	103	104
	Lp(A) cc		<70	70	73	75	76	77	79	80	81	82
700	Q1	m³/min	76.3	97.8	119.3	130.0	140.8	151.5	162.3	173.0	183.7	194.5
	DT	°C	73	70	68	67	66	66	65	65	64	64
	Nsof	kW	114.5	141.0	168.2	182.0	196.1	210.3	224.8	239.5	254.5	269.8
	Nmot	kW	132	160	200	200	250	250	250	315	315	315
	Lp(A) sc		89	93	97	98	99	101	102	103	104	105
	Lp(A) cc		<70	71	75	76	77	79	80	81	82	83
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 155

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		4									
	rpm		900	1100	1300	1400	1500	1600	1700	1800	1900	2000
200	Q1	m³/min	84.5	106.0	127.5	138.2	149.0	159.7	170.5	181.2	191.9	202.7
	DT	°C	24	23	23	22	22	22	22	22	22	22
	Nsof	kW	34.0	42.6	51.8	56.7	61.8	67.1	72.7	78.4	84.5	90.8
	Nmot	kW	45	55	75	75	75	75	90	90	110	110
	Lp(A) sc		83	87	90	92	93	94	96	97	98	99
	Lp(A) cc		<70	<70	<70	<70	71	72	74	75	76	77
250	Q1	m³/min	82.7	104.1	125.6	136.4	147.1	157.8	168.6	179.3	190.1	200.8
	DT	°C	32	31	30	30	30	30	30	30	29	29
	Nsof	kW	42.0	52.4	63.4	69.2	75.2	81.4	87.9	94.5	101.5	108.7
	Nmot	kW	55	75	75	90	90	90	110	110	110	132
	Lp(A) sc		84	88	92	93	94	96	97	98	99	100
	Lp(A) cc		<70	<70	<70	71	72	74	75	76	77	78
300	Q1	m³/min	80.8	102.3	123.8	134.5	145.2	156.0	166.7	177.5	188.2	198.9
	DT	°C	42	41	40	39	39	39	39	38	38	38
	Nsof	kW	50.1	62.3	75.1	81.8	88.7	95.8	103.1	110.7	118.5	126.6
	Nmot	kW	75	75	90	90	110	110	132	132	132	160
	Lp(A) sc		86	90	93	94	96	97	98	99	100	101
	Lp(A) cc		<70	<70	71	72	74	75	76	77	78	79
350	Q1	m³/min	78.9	100.4	121.9	132.6	143.3	154.1	164.8	175.6	186.3	197.0
	DT	°C	54	52	51	50	50	49	49	49	48	48
	Nsof	kW	58.1	72.1	86.7	94.3	102.1	110.1	118.3	126.8	135.5	144.5
	Nmot	kW	75	90	110	110	132	132	132	160	160	160
	Lp(A) sc		87	91	95	96	97	99	100	101	102	103
	Lp(A) cc		<70	<70	73	74	75	77	78	79	80	81
400	Q1	m³/min	76.9	98.4	119.9	130.6	141.4	152.1	162.8	173.6	184.3	195.1
	DT	°C	69	66	64	63	62	62	61	61	60	60
	Nsof	kW	66.2	82.0	98.4	106.8	115.5	124.4	133.5	142.9	152.5	162.4
	Nmot	kW	75	90	110	132	132	160	160	160	200	200
	Lp(A) sc		89	93	96	98	99	100	101	103	104	105
	Lp(A) cc		<70	71	74	76	77	78	79	81	82	83
450	Q1	m³/min	74.8	96.3	117.8	128.5	139.2	150.0	160.7	171.5	182.2	192.9
	DT	°C	86	82	79	78	77	77	76	75	75	74
	Nsof	kW	74.2	91.8	110.0	119.4	128.9	138.7	148.7	159.0	169.5	180.3
	Nmot	kW	90	110	132	132	160	160	200	200	200	200
	Lp(A) sc		91	95	98	99	101	102	103	104	105	106
	Lp(A) cc		<70	73	76	77	79	80	81	82	83	84
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 165

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6			4						
	rpm		650	700	800	900	1000	1100	1200	1300	1400	1500
300	Q1	m³/min	72.6	79.4	92.9	106.4	119.9	133.4	146.9	160.4	173.9	187.4
	DT	°C	30	30	29	28	28	28	27	27	27	27
	Nsof	kW	50.4	54.3	62.0	69.8	77.5	85.3	93.0	100.8	108.5	116.3
	Nmot	kW	75	75	75	90	90	110	110	110	132	132
	Lp(A) sc		85	86	89	91	93	95	97	98	100	101
	Lp(A) cc		<70	<70	<70	<70	71	73	75	76	78	79
400	Q1	m³/min	70.3	77.1	90.6	104.1	117.6	131.1	144.6	158.1	171.6	185.1
	DT	°C	41	41	39	39	38	37	37	37	36	36
	Nsof	kW	65.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
	Nmot	kW	75	90	90	110	110	132	132	160	160	200
	Lp(A) sc		86	88	90	92	94	96	98	100	101	102
	Lp(A) cc		<70	<70	<70	70	72	74	76	78	79	80
500	Q1	m³/min	68.3	75.0	88.5	102.0	115.5	129.0	142.5	156.0	169.5	183.0
	DT	°C	53	52	50	49	48	48	47	46	46	46
	Nsof	kW	79.6	85.8	98.0	110.3	122.5	134.8	147.0	159.3	171.5	183.8
	Nmot	kW	90	110	110	132	160	160	160	200	200	200
	Lp(A) sc		87	89	92	94	96	98	99	101	102	104
	Lp(A) cc		<70	<70	<70	72	74	76	77	79	80	82
600	Q1	m³/min	66.4	73.1	86.6	100.1	113.6	127.1	140.6	154.1	167.6	181.1
	DT	°C	66	64	62	60	59	58	57	56	56	55
	Nsof	kW	94.3	101.5	116.0	130.5	145.0	159.5	174.0	188.5	203.0	217.5
	Nmot	kW	110	110	132	160	160	200	200	250	250	250
	Lp(A) sc		89	90	93	95	97	99	101	102	104	105
	Lp(A) cc		<70	<70	71	73	75	77	79	80	82	83
700	Q1	m³/min	64.7	71.4	84.9	98.4	111.9	125.4	138.9	152.4	165.9	179.4
	DT	°C	78	77	74	71	70	68	67	67	66	65
	Nsof	kW	108.9	117.3	134.0	150.8	167.5	184.3	201.0	217.8	234.5	251.3
	Nmot	kW	132	132	160	200	200	200	250	250	315	315
	Lp(A) sc		90	92	94	96	98	100	102	104	105	106
	Lp(A) cc		<70	<70	72	74	76	78	80	82	83	84
800	Q1	m³/min	63.1	69.8	83.3	96.8	110.3	123.8	137.3	150.8	164.3	177.8
	DT	°C	92	89	86	83	81	79	78	77	76	75
	Nsof	kW	123.5	133.0	152.0	171.0	190.0	209.0	228.0	247.0	266.0	285.0
	Nmot	kW	160	160	200	200	250	250	250	315	315	315
	Lp(A) sc		91	93	95	98	100	102	103	105	106	108
	Lp(A) cc		<70	71	73	76	78	80	81	83	84	85
900	Q1	m³/min	61.6	68.3	81.8	95.3	108.8	122.3	135.8	149.3	162.8	176.3
	DT	°C	106	103	98	95	92	90	89	87	86	85
	Nsof	kW	138.1	148.8	170.0	191.3	212.5	233.8	255.0	276.3	297.5	318.8
	Nmot	kW	160	200	200	250	250	315	315	315	355	355
	Lp(A) sc		92	94	96	99	101	103	104	106	107	109
	Lp(A) cc		70	72	74	77	79	81	82	84	85	85
1000	Q1	m³/min	60.2	66.9	80.4	93.9	107.4	120.9	134.4	147.9	161.4	174.9
	DT	°C	121	117	111	107	104	101	100	98	97	96
	Nsof	kW	152.8	164.5	188.0	211.5	235.0	258.5	282.0	305.5	329.0	352.5
	Nmot	kW	200	200	250	250	315	315	315	355	400	400
	Lp(A) sc		93	95	98	100	102	104	105	107	108	110
	Lp(A) cc		71	73	76	78	80	82	83	85	85	85

PEDRO GIL

Performances

BPG 165

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6			4						
	rpm		650	700	800	900	1000	1100	1200	1300	1400	1500
200	Q1	m³/min	74.0	80.7	94.2	107.7	121.2	134.7	148.2	161.7	175.2	188.7
	DT	°C	24	24	24	23	23	23	23	22	22	22
	Nsof	kW	35.8	38.5	44.0	49.5	55.0	60.5	66.0	71.5	77.0	82.5
	Nmot	kW	45	45	55	75	75	75	75	90	90	90
	Lp(A) sc		84	85	88	90	92	94	96	97	99	100
	Lp(A) cc		<70	<70	<70	<70	70	72	74	75	77	78
250	Q1	m³/min	71.9	78.6	92.1	105.6	119.1	132.6	146.1	159.6	173.1	186.6
	DT	°C	33	33	32	32	31	31	30	30	30	30
	Nsof	kW	43.1	46.4	53.0	59.6	66.3	72.9	79.5	86.1	92.8	99.4
	Nmot	kW	55	55	75	75	75	90	90	110	110	110
	Lp(A) sc		85	86	89	91	93	95	97	99	100	101
	Lp(A) cc		<70	<70	<70	<70	71	73	75	77	78	79
300	Q1	m³/min	69.7	76.5	90.0	103.5	117.0	130.5	144.0	157.5	171.0	184.5
	DT	°C	44	44	42	41	41	40	40	39	39	39
	Nsof	kW	50.4	54.3	62.0	69.8	77.5	85.3	93.0	100.8	108.5	116.3
	Nmot	kW	75	75	75	90	90	110	110	110	132	132
	Lp(A) sc		86	88	91	93	95	97	98	100	101	103
	Lp(A) cc		<70	<70	<70	71	73	75	76	78	79	81
350	Q1	m³/min	67.6	74.3	87.8	101.3	114.8	128.3	141.8	155.3	168.8	182.3
	DT	°C	57	56	54	53	52	51	50	50	49	49
	Nsof	kW	57.7	62.1	71.0	79.9	88.8	97.6	106.5	115.4	124.3	133.1
	Nmot	kW	75	75	90	90	110	110	132	132	160	160
	Lp(A) sc		88	89	92	94	96	98	100	102	103	104
	Lp(A) cc		<70	<70	70	72	74	76	78	80	81	82
400	Q1	m³/min	65.3	72.1	85.6	99.1	112.6	126.1	139.6	153.1	166.6	180.1
	DT	°C	73	72	69	67	66	64	63	63	62	61
	Nsof	kW	65.0	70.0	80.0	90.0	100.0	110.0	120.0	130.0	140.0	150.0
	Nmot	kW	75	90	90	110	110	132	132	160	160	200
	Lp(A) sc		90	91	94	96	98	100	102	103	105	106
	Lp(A) cc		<70	<70	72	74	76	78	80	81	83	84
450	Q1	m³/min	62.9	69.7	83.2	96.7	110.2	123.7	137.2	150.7	164.2	177.7
	DT	°C	93	91	87	84	82	80	79	78	77	76
	Nsof	kW	72.3	77.9	89.0	100.1	111.3	122.4	133.5	144.6	155.8	166.9
	Nmot	kW	90	90	110	110	132	160	160	160	200	200
	Lp(A) sc		91	93	95	98	100	102	103	105	106	108
	Lp(A) cc		<70	71	73	76	78	80	81	83	84	85
500	Q1	m³/min	60.4	67.1	80.6	94.1	107.6	121.1	134.6	148.1	161.6	175.1
	DT	°C	119	115	109	105	102	100	98	97	95	94
	Nsof	kW	79.6	85.8	98.0	110.3	122.5	134.8	147.0	159.3	171.5	183.8
	Nmot	kW	90	110	110	132	160	160	160	200	200	200
	Lp(A) sc		93	95	97	100	102	104	105	107	108	110
	Lp(A) cc		71	73	75	78	80	82	83	85	85	85
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 175

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6			4						
	rpm		650	700	800	900	1000	1100	1200	1300	1400	1500
300	Q1	m³/min	101.6	110.7	128.8	146.9	165.0	183.1	201.2	219.3	237.4	255.5
	DT	°C	29	28	28	27	27	27	27	27	26	26
	Nsof	kW	68.6	73.9	84.4	95.0	105.5	116.1	126.6	137.2	147.7	158.3
	Nmot	kW	90	90	110	110	132	132	160	160	160	200
	Lp(A) sc		88	89	92	94	96	98	100	101	103	104
	Lp(A) cc		<70	<70	<70	72	74	76	78	79	81	82
400	Q1	m³/min	99.2	108.2	126.3	144.4	162.5	180.6	198.7	216.8	234.9	253.0
	DT	°C	39	39	38	37	37	36	36	36	36	35
	Nsof	kW	88.2	95.0	108.5	122.1	135.7	149.2	162.8	176.4	189.9	203.5
	Nmot	kW	110	110	132	160	160	200	200	200	250	250
	Lp(A) sc		89	91	93	95	97	99	101	103	104	105
	Lp(A) cc		<70	<70	71	73	75	77	79	81	82	83
500	Q1	m³/min	97.0	106.0	124.1	142.2	160.3	178.4	196.5	214.6	232.7	250.8
	DT	°C	50	49	48	47	47	46	46	45	45	45
	Nsof	kW	107.8	116.1	132.7	149.3	165.8	182.4	199.0	215.6	232.2	248.8
	Nmot	kW	132	132	160	200	200	200	250	250	315	315
	Lp(A) sc		90	92	95	97	99	101	102	104	105	107
	Lp(A) cc		<70	<70	73	75	77	79	80	82	83	85
600	Q1	m³/min	95.0	104.1	122.2	140.3	158.4	176.5	194.6	212.7	230.8	248.9
	DT	°C	61	60	59	58	57	56	55	55	54	54
	Nsof	kW	127.4	137.2	156.8	176.4	196.0	215.6	235.2	254.8	274.4	294.0
	Nmot	kW	160	160	200	200	250	250	315	315	315	355
	Lp(A) sc		92	93	96	98	100	102	104	105	107	108
	Lp(A) cc		<70	71	74	76	78	80	82	83	85	85
700	Q1	m³/min	93.2	102.3	120.4	138.5	156.6	174.7	192.8	210.9	229.0	247.1
	DT	°C	73	72	70	68	67	66	65	65	64	64
	Nsof	kW	147.0	158.3	180.9	203.6	226.2	248.8	271.4	294.0	316.6	339.3
	Nmot	kW	160	200	200	250	250	315	315	355	355	400
	Lp(A) sc		93	95	97	99	101	103	105	107	108	109
	Lp(A) cc		71	73	75	77	79	81	83	85	85	85
800	Q1	m³/min	91.5	100.6	118.7	136.8	154.9	173.0	191.1	209.2	227.3	245.4
	DT	°C	85	83	81	79	77	76	75	74	74	73
	Nsof	kW	166.6	179.4	205.1	230.7	256.3	282.0	307.6	333.2	358.9	384.5
	Nmot	kW	200	200	250	250	315	315	355	400	400	450
	Lp(A) sc		94	96	98	101	103	105	106	108	109	111
	Lp(A) cc		72	74	76	79	81	83	84	85	85	85
900	Q1	m³/min	89.9	99.0	117.1	135.2	153.3	171.4	189.5	207.6	225.7	243.8
	DT	°C	97	95	92	90	88	86	85	84	84	83
	Nsof	kW	186.2	200.6	229.2	257.9	286.5	315.2	343.8	372.5	401.1	429.8
	Nmot	kW	250	250	250	315	315	355	400	450	450	500
	Lp(A) sc		95	97	99	102	104	106	107	109	110	112
	Lp(A) cc		73	75	77	80	82	84	85	85	85	85
1000	Q1	m³/min	88.4	97.5	115.6	133.7	151.8	169.9	188.0	206.1	224.2	242.3
	DT	°C	110	107	104	101	99	97	95	94	93	93
	Nsof	kW	205.8	221.7	253.3	285.0	316.7	348.3	380.0	411.7	443.3	475.0
	Nmot	kW	250	250	315	315	355	400	450	450	500	500
	Lp(A) sc		96	98	101	103	105	107	108	110	111	113
	Lp(A) cc		74	76	79	81	83	85	85	85	85	85

PEDRO GIL

Performances

BPG 175

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6			4						
	rpm		650	700	800	900	1000	1100	1200	1300	1400	1500
200	Q1	m³/min	103.1	112.1	130.2	148.3	166.4	184.5	202.6	220.7	238.8	256.9
	DT	°C	24	23	23	23	22	22	22	22	22	22
	Nsof	kW	49.0	52.7	60.3	67.8	75.3	82.9	90.4	97.9	105.5	113.0
	Nmot	kW	55	75	75	90	90	90	110	110	132	132
	Lp(A) sc		87	88	91	93	95	97	99	100	102	103
	Lp(A) cc		<70	<70	<70	71	73	75	77	78	80	81
250	Q1	m³/min	100.8	109.9	128.0	146.1	164.2	182.3	200.4	218.5	236.6	254.7
	DT	°C	32	32	31	31	30	30	30	30	29	29
	Nsof	kW	58.8	63.3	72.3	81.4	90.4	99.5	108.5	117.5	126.6	135.6
	Nmot	kW	75	75	90	90	110	110	132	132	160	160
	Lp(A) sc		88	89	92	94	96	98	100	102	103	104
	Lp(A) cc		<70	<70	70	72	74	76	78	80	81	82
300	Q1	m³/min	98.6	107.6	125.7	143.8	161.9	180.0	198.1	216.2	234.3	252.4
	DT	°C	42	41	41	40	39	39	39	38	38	38
	Nsof	kW	68.6	73.9	84.4	95.0	105.5	116.1	126.6	137.2	147.7	158.3
	Nmot	kW	90	90	110	110	132	132	160	160	160	200
	Lp(A) sc		89	91	94	96	98	100	101	103	104	106
	Lp(A) cc		<70	<70	72	74	76	78	79	81	82	84
350	Q1	m³/min	96.3	105.3	123.4	141.5	159.6	177.7	195.8	213.9	232.0	250.1
	DT	°C	54	53	52	51	50	50	49	49	48	48
	Nsof	kW	78.4	84.4	96.5	108.5	120.6	132.6	144.7	156.8	168.8	180.9
	Nmot	kW	90	110	110	132	132	160	160	200	200	200
	Lp(A) sc		91	92	95	97	99	101	103	105	106	107
	Lp(A) cc		<70	70	73	75	77	79	81	83	84	85
400	Q1	m³/min	93.9	102.9	121.0	139.1	157.2	175.3	193.4	211.5	229.6	247.7
	DT	°C	68	67	65	64	63	62	61	61	60	60
	Nsof	kW	88.2	95.0	108.5	122.1	135.7	149.2	162.8	176.4	189.9	203.5
	Nmot	kW	110	110	132	160	160	200	200	200	250	250
	Lp(A) sc		93	94	97	99	101	103	105	106	108	109
	Lp(A) cc		71	72	75	77	79	81	83	84	85	85
450	Q1	m³/min	91.4	100.4	118.5	136.6	154.7	172.8	190.9	209.0	227.1	245.2
	DT	°C	86	84	82	80	78	77	76	75	75	74
	Nsof	kW	98.0	105.5	120.6	135.7	150.8	165.8	180.9	196.0	211.1	226.1
	Nmot	kW	110	132	132	160	200	200	200	250	250	250
	Lp(A) sc		94	96	98	101	103	105	106	108	109	111
	Lp(A) cc		72	74	76	79	81	83	84	85	85	85
500	Q1	m³/min	88.6	97.7	115.8	133.9	152.0	170.1	188.2	206.3	224.4	242.5
	DT	°C	108	106	102	99	97	96	94	93	92	91
	Nsof	kW	107.8	116.1	132.7	149.3	165.8	182.4	199.0	215.6	232.2	248.8
	Nmot	kW	132	132	160	200	200	200	250	250	315	315
	Lp(A) sc		96	98	100	103	105	107	108	110	111	113
	Lp(A) cc		74	76	78	81	83	85	85	85	85	85
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 205

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6						4			
	rpm		600	650	700	750	800	850	900	1000	1100	1200
300	Q1	m³/min	129.9	142.4	154.9	167.3	179.8	192.3	204.8	229.7	254.7	279.6
	DT	°C	29	28	28	28	28	27	27	27	27	27
	Nsof	kW	86.3	93.4	100.6	107.8	115.0	122.2	129.4	143.8	158.1	172.5
	Nmot	kW	110	110	110	132	132	160	160	160	200	200
	Lp(A) sc		87	89	90	91	93	94	95	97	99	101
	Lp(A) cc		<70	<70	<70	<70	71	72	73	75	77	79
400	Q1	m³/min	126.9	139.3	151.8	164.3	176.8	189.2	201.7	226.7	251.6	276.6
	DT	°C	39	38	38	38	37	37	37	36	36	36
	Nsof	kW	111.2	120.5	129.7	139.0	148.3	157.5	166.8	185.3	203.9	222.4
	Nmot	kW	132	132	160	160	200	200	200	250	250	250
	Lp(A) sc		89	90	92	93	94	95	96	98	100	102
	Lp(A) cc		<70	<70	<70	71	72	73	74	76	78	80
500	Q1	m³/min	124.2	136.6	149.1	161.6	174.1	186.5	199.0	224.0	248.9	273.9
	DT	°C	50	49	48	48	47	47	47	46	46	45
	Nsof	kW	136.2	147.5	158.8	170.2	181.5	192.9	204.2	226.9	249.6	272.3
	Nmot	kW	160	160	200	200	200	250	250	250	315	315
	Lp(A) sc		90	91	93	94	96	97	98	100	102	103
	Lp(A) cc		<70	<70	71	72	74	75	76	78	80	81
600	Q1	m³/min	121.7	134.2	146.7	159.2	171.6	184.1	196.6	221.5	246.5	271.4
	DT	°C	61	60	59	58	58	57	57	56	55	55
	Nsof	kW	161.1	174.5	188.0	201.4	214.8	228.2	241.7	268.5	295.4	322.2
	Nmot	kW	200	200	250	250	250	250	315	315	355	355
	Lp(A) sc		91	93	94	96	97	98	99	101	103	105
	Lp(A) cc		<70	71	72	74	75	76	77	79	81	83
700	Q1	m³/min	119.5	132.0	144.4	156.9	169.4	181.9	194.3	219.3	244.2	269.2
	DT	°C	72	71	70	69	68	67	67	66	65	64
	Nsof	kW	186.1	201.6	217.1	232.6	248.1	263.6	279.1	310.1	341.1	372.1
	Nmot	kW	250	250	250	315	315	315	315	355	400	450
	Lp(A) sc		93	94	96	97	98	99	100	102	104	106
	Lp(A) cc		71	72	74	75	76	77	78	80	82	84
800	Q1	m³/min	117.4	129.9	142.4	154.8	167.3	179.8	192.3	217.2	242.2	267.1
	DT	°C	84	83	81	80	79	78	77	76	75	74
	Nsof	kW	211.0	228.6	246.2	263.8	281.3	298.9	316.5	351.7	386.8	422.0
	Nmot	kW	250	250	315	315	315	355	355	400	450	500
	Lp(A) sc		94	95	97	98	99	101	102	104	106	107
	Lp(A) cc		72	73	75	76	77	79	80	82	84	85
900	Q1	m³/min	115.4	127.9	140.4	152.9	165.3	177.8	190.3	215.2	240.2	265.1
	DT	°C	96	94	93	91	90	89	88	86	85	84
	Nsof	kW	236.0	255.6	275.3	294.9	314.6	334.3	353.9	393.3	432.6	471.9
	Nmot	kW	315	315	315	355	355	400	400	450	500	600
	Lp(A) sc		95	96	98	99	100	102	103	105	107	108
	Lp(A) cc		73	74	76	77	78	80	81	83	85	85
1000	Q1	m³/min	113.6	126.1	138.5	151.0	163.5	176.0	188.4	213.4	238.3	263.3
	DT	°C	109	106	104	102	101	100	98	97	95	94
	Nsof	kW	260.9	282.6	304.4	326.1	347.9	369.6	391.4	434.8	478.3	521.8
	Nmot	kW	315	315	355	355	400	400	450	500	600	600
	Lp(A) sc		96	97	99	100	102	103	104	106	108	109
	Lp(A) cc		74	75	77	78	80	81	82	84	85	85

PEDRO GIL

Performances

BPG 205

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6						4			
	rpm		600	650	700	750	800	850	900	1000	1100	1200
200	Q1	m³/min	131.7	144.1	156.6	169.1	181.6	194.0	206.5	231.5	256.4	281.4
	DT	°C	23	23	23	23	23	23	22	22	22	22
	Nsof	kW	61.3	66.4	71.5	76.6	81.7	86.8	92.0	102.2	112.4	122.6
	Nmot	kW	75	75	90	90	90	110	110	132	132	160
	Lp(A) sc		86	88	89	91	92	93	94	96	98	100
	Lp(A) cc		<70	<70	<70	<70	<70	71	72	74	76	78
250	Q1	m³/min	128.9	141.4	153.8	166.3	178.8	191.3	203.7	228.7	253.6	278.6
	DT	°C	32	31	31	31	31	30	30	30	30	29
	Nsof	kW	73.8	79.9	86.1	92.2	98.4	104.5	110.7	123.0	135.3	147.6
	Nmot	kW	90	90	110	110	110	132	132	160	160	160
	Lp(A) sc		87	89	90	92	93	94	95	97	99	101
	Lp(A) cc		<70	<70	<70	<70	71	72	73	75	77	79
300	Q1	m³/min	126.1	138.6	151.1	163.6	176.0	188.5	201.0	225.9	250.9	275.8
	DT	°C	42	41	41	40	40	40	39	39	39	38
	Nsof	kW	86.3	93.4	100.6	107.8	115.0	122.2	129.4	143.8	158.1	172.5
	Nmot	kW	110	110	110	132	132	160	160	160	200	200
	Lp(A) sc		89	90	92	93	95	96	97	99	101	102
	Lp(A) cc		<70	<70	<70	71	73	74	75	77	79	80
350	Q1	m³/min	123.3	135.8	148.2	160.7	173.2	185.7	198.1	223.1	248.0	273.0
	DT	°C	54	53	52	51	51	50	50	49	49	48
	Nsof	kW	98.7	107.0	115.2	123.4	131.6	139.9	148.1	164.5	181.0	197.5
	Nmot	kW	110	132	132	160	160	160	200	200	200	250
	Lp(A) sc		90	92	93	95	96	97	98	100	102	104
	Lp(A) cc		<70	<70	71	73	74	75	76	78	80	82
400	Q1	m³/min	120.3	132.8	145.3	157.8	170.2	182.7	195.2	220.1	245.1	270.0
	DT	°C	68	67	66	65	64	63	63	62	61	61
	Nsof	kW	111.2	120.5	129.7	139.0	148.3	157.5	166.8	185.3	203.9	222.4
	Nmot	kW	132	132	160	160	200	200	200	250	250	250
	Lp(A) sc		92	94	95	96	98	99	100	102	104	106
	Lp(A) cc		70	72	73	74	76	77	78	80	82	84
450	Q1	m³/min	117.2	129.7	142.2	154.6	167.1	179.6	192.1	217.0	242.0	266.9
	DT	°C	85	84	82	81	80	79	78	77	76	75
	Nsof	kW	123.7	134.0	144.3	154.6	164.9	175.2	185.5	206.1	226.7	247.4
	Nmot	kW	160	160	160	200	200	200	250	250	250	315
	Lp(A) sc		94	95	97	98	99	101	102	104	106	107
	Lp(A) cc		72	73	75	76	77	79	80	82	84	85a
500	Q1	m³/min	113.8	126.3	138.8	151.2	163.7	176.2	188.7	213.6	238.6	263.5
	DT	°C	107	105	103	101	99	98	97	95	94	93
	Nsof	kW	136.2	147.5	158.8	170.2	181.5	192.9	204.2	226.9	249.6	272.3
	Nmot	kW	160	160	200	200	200	250	250	250	315	315
	Lp(A) sc		96	97	99	100	101	103	104	106	108	109
	Lp(A) cc		74	75	77	78	79	81	82	84	85	85
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 225

Pressure operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

DP (mbar)	Poles		6			4						
	rpm		600	650	700	750	800	850	900	1000	1100	1200
300	Q1	m³/min	193,5	211,7	229,9	248,1	266,3	284,6	302,8	339,2	375,7	412,1
	DT	°C	28	28	28	27	27	27	27	27	26	26
	Nsof	kW	127.3	137.9	148.5	159.2	169.8	180.4	191.0	212.2	233.4	254.6
	Nmot	kW	160	160	200	200	200	200	250	250	315	315
	Lp(A) sc		90	92	93	94	96	97	98	100	102	104
	Lp(A) cc		<70	<70	71	72	74	75	76	78	80	82
400	Q1	m³/min	189.6	207.8	226.0	244.2	262.5	280.7	298.9	335.3	371.8	408.2
	DT	°C	38	38	37	37	37	36	36	36	36	35
	Nsof	kW	163.8	177.4	191.1	204.7	218.3	232.0	245.6	272.9	300.2	327.5
	Nmot	kW	200	200	250	250	250	315	315	315	355	355
	Lp(A) sc		92	93	95	96	97	98	99	101	103	105
	Lp(A) cc		<70	71	73	74	75	76	77	79	81	83
500	Q1	m³/min	186.1	204.4	222.6	240.8	259.0	277.2	295.5	331.9	368.3	404.8
	DT	°C	49	48	47	47	47	46	46	45	45	45
	Nsof	kW	200.2	216.9	233.6	250.3	266.9	283.6	300.3	333.7	367.0	400.4
	Nmot	kW	250	250	315	315	315	315	355	400	400	450
	Lp(A) sc		93	94	96	97	99	100	101	103	105	106
	Lp(A) cc		71	72	74	75	77	78	79	81	83	84
600	Q1	m³/min	183.0	201.3	219.5	237.7	255.9	274.1	292.4	328.8	365.2	401.7
	DT	°C	59	58	58	57	56	56	56	55	54	54
	Nsof	kW	236.6	256.4	276.1	295.8	315.5	335.2	355.0	394.4	433.8	473.3
	Nmot	kW	315	315	315	355	355	400	400	450	500	600
	Lp(A) sc		94	96	97	99	100	101	102	104	106	108
	Lp(A) cc		72	74	75	77	78	79	80	82	84	85
700	Q1	m³/min	180.2	198.4	216.6	234.9	253.1	271.3	289.5	326.0	362.4	398.8
	DT	°C	70	69	68	67	67	66	66	65	64	63
	Nsof	kW	273.1	295.8	318.6	341.4	364.1	386.9	409.6	455.1	500.6	546.2
	Nmot	kW	315	355	355	400	400	450	450	500	600	600
	Lp(A) sc		96	97	99	100	101	102	103	105	107	109
	Lp(A) cc		74	75	77	78	79	80	81	83	85	85
800	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
900	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
1000	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

PEDRO GIL

Performances

BPG 225

Vacuum operation

Nsof: Blower absorbed power.
Nmot: Advised motor power.
Lp(A) sc: Sound pressure level in accordance with ISO 3746 in a free field at 1m without noise enclosure and with sound insulated pipes.
Lp(A) cc: Sound pressure level in accordance with ISO 3746 in a free field at 1m with noise enclosure and with sound insulated pipes.
Performances related to atmospheric air:
abs. pressure 1,013 mbar
Temperature 20°C
Humidity 50%
Specific weight 1.2 kg/m3

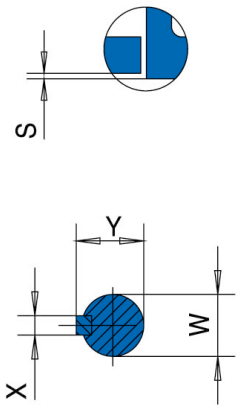
For performances with gases other than atm spheric air or at non-standard conditions contact your Authorized PEDRO GIL representative.

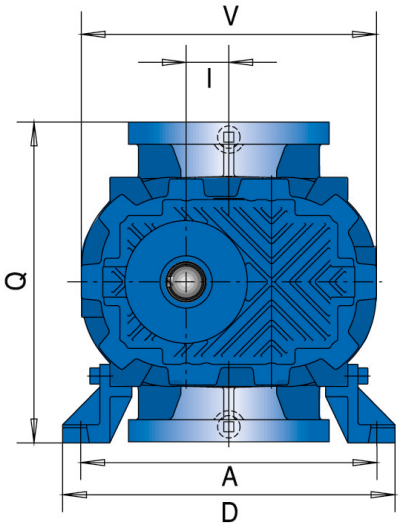
Tolerance on performances: in accordance with the PEDRO GIL TE1.S.0015 specification.

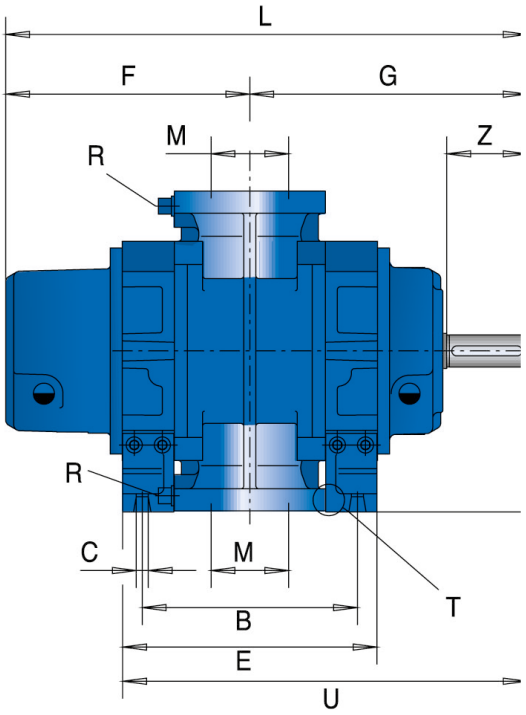
DP (mbar)	Poles		6			4						
	rpm		600	650	700	750	800	850	900	1000	1100	1200
200	Q1	m³/min	195,7	213,9	232,1	250,4	268,6	286,8	305,0	341,5	377,9	414,3
	DT	°C	23	23	23	22	22	22	22	22	22	22
	Nsof	kW	90.9	98.5	106.0	113.6	121.2	128.7	136.3	151.5	166.6	181.8
	Nmot	kW	110	110	132	132	132	160	160	200	200	200
	Lp(A) sc		89	91	92	94	95	96	97	99	101	103
	Lp(A) cc		<70	<70	70	72	73	74	75	77	79	81
250	Q1	m³/min	192.2	210.4	228.6	246.8	265.0	283.3	301.5	337.9	374.4	410.8
	DT	°C	31	31	31	30	30	30	30	30	29	29
	Nsof	kW	109.1	118.2	127.3	136.4	145.5	154.6	163.7	181.8	200.0	218.2
	Nmot	kW	132	132	160	160	160	200	200	200	250	250
	Lp(A) sc		90	92	93	95	96	97	98	100	102	104
	Lp(A) cc		<70	70	71	73	74	75	76	78	80	82
300	Q1	m³/min	188.6	206.9	225.1	243.3	261.5	279.7	298.0	334.4	370.8	407.3
	DT	°C	41	40	40	40	39	39	39	38	38	38
	Nsof	kW	127.3	137.9	148.5	159.2	169.8	180.4	191.0	212.2	233.4	254.6
	Nmot	kW	160	160	200	200	200	200	250	250	315	315
	Lp(A) sc		92	93	95	96	98	99	100	102	104	105
	Lp(A) cc		<70	71	73	74	76	77	78	80	82	83
350	Q1	m³/min	185.0	203.3	221.5	239.7	257.9	276.1	294.4	330.8	367.2	403.7
	DT	°C	52	51	51	50	50	50	49	49	48	48
	Nsof	kW	145.5	157.7	169.8	181.9	194.1	206.2	218.3	242.6	266.8	291.1
	Nmot	kW	160	200	200	200	250	250	250	315	315	315
	Lp(A) sc		93	95	96	98	99	100	101	103	105	107
	Lp(A) cc		71	73	74	76	77	78	79	81	83	85
400	Q1	m³/min	181.3	199.5	217.7	235.9	254.2	272.4	290.6	327.0	363.5	399.9
	DT	°C	66	65	64	63	63	62	62	61	60	60
	Nsof	kW	163.8	177.4	191.1	204.7	218.3	232.0	245.6	272.9	300.2	327.5
	Nmot	kW	200	200	250	250	250	315	315	315	355	355
	Lp(A) sc		95	97	98	99	101	102	103	105	107	109
	Lp(A) cc		73	75	76	77	79	80	81	83	85	85
450	Q1	m³/min	177.3	195.5	213.7	231.9	250.2	268.4	286.6	323.0	359.5	395.9
	DT	°C	83	81	80	79	78	77	77	75	75	74
	Nsof	kW	182.0	197.1	212.3	227.5	242.6	257.8	273.0	303.3	333.6	364.0
	Nmot	kW	200	250	250	250	315	315	315	355	400	400
	Lp(A) sc		97	98	100	101	102	104	105	107	109	110
	Lp(A) cc		75	76	78	79	80	82	83	85	85	85
500	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											
550	Q1	m³/min										
	DT	°C										
	Nsof	kW										
	Nmot	kW										
	Lp(A) sc											
	Lp(A) cc											

BPG - Dimensions and Weights

Details T







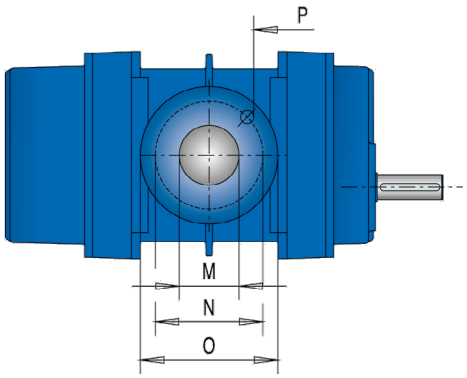
Dimension W with k6 tolerance
up to 50 mm – m6 over 50 mm

R pressure
gauge connection G3/8”

Blower	A	B	C	D	E	F	G	H -0.5	I	L	M	Q	S	U	V	W	Z	X	Y	Weight (Kg)
BPG 15	200	175	13	248	205	200	191	112	34.0	391	50	223	1	294	252	24	50	8	27.0	**36**
BPG 25	200	210	13	248	240	218	208	112	34.0	426	65	223	1	328	252	24	50	8	27.0	**41**
BPG 35	295	215	12	331	251	243	265	160	42.5	508	80	319	1	392	295	38	80	10	41.0	**85**
BPG 45	295	275	12	331	311	273	295	160	42.5	568	80	319	1	452	295	38	80	10	41.0	**97**
BPG 46	295	375	12	331	411	324	345	160	42.5	669	100	319	1	552	295	38	80	10	41.0	**117**
BPG 55	340	276	14	385	322	309	330	185	53.5	639	100	369	1	491	345	48	110	14	51.5	**144**
BPG 65	340	341	14	385	387	340	361	185	53.5	701	150	369	1	555	345	48	110	14	51.5	**160**
BPG 66	340	451	14	385	497	396	417	185	53.5	813	150	369	1	665	345	48	110	14	51.5	**193**
BPG 75	370	316	18	420	369	345	365	225	67.5	710	150	449	1	549	415	55	110	16	59.0	**210**
BPG 85	370	431	18	420	482	405	423	225	67.5	828	150	449	1	665	415	55	110	16	59.0	**250**
BPG 86	370	541	18	420	592	460	478	225	67.5	938	200	449	1	775	415	55	110	16	59.0	**316**
BPG 95	430	406	18	486	462	415	449	265	84.0	864	150	529	1	676	522	60	140	18	64.0	**360**
BPG 105	430	501	18	486	557	463	497	265	84.0	960	200	529	1	771	522	60	140	18	64.0	**400**
BPG 106	430	651	18	486	707	538	572	265	84.0	1110	200	529	1	921	522	60	140	18	64.0	**440**
BPG 115	550	480	22	640	536	473	513	300	106.0	986	200	599	1	781	618	70	140	20	74.5	**540**
BPG 125	550	590	22	640	646	528	568	300	106.0	1096	250	599	1	891	618	70	140	20	74.5	**605**
BPG 126	550	790	22	640	846	628	668	300	106.0	1296	250	599	1	1091	618	70	140	20	74.5	**670**
BPG 135	680	542	26	770	600	538	592	360	135.0	1130	250	719	1	892	790	85	170	22	90.0	**910**
BPG 145	680	747	26	770	805	641	695	360	135.0	1336	300	719	1	1098	790	85	170	22	90.0	**1040**
BPG 155	680	897	26	770	955	716	770	360	135.0	1486	300	719	1	1248	790	85	170	22	90.0	**1180**
BPG 165	800	750	30	920	825	676	750	400	170.0	1426	300	798	2	1163	974	100	210	28	106.0	**1790**
BPG 175	800	970	30	920	1045	786	860	400	170.0	1646	350	798	2	1383	974	100	210	28	106.0	**1890**
BPG 205	1020	890	36	1140	970	793	836	500	213.0	1629	400	998	2	1321	1203	120	210	32	127.0	**2870**
BPG 225	1020	1240	36	1140	1320	968	1011	500	213.0	1979	500	998	2	1671	1203	120	210	32	127.0	**3270**

BPG - Flange Drilling

PN10 UNI-EN 1092-2 o ANSI 125 FF



UNI PN10				
M(DN)	N	O	P	No. holes
50	125	165	18	4
65	145	185	18	4
80	160	200	18	4
100	180	230	18	8
125	214	255	22	8
150	240.2	285	23	8
200	296	340	23	8
250	350	405	24	12
300	400	475	24	12
350	460	525	22	16
400	515	590	25	16
500	620	690	25	20

ANSI 125 FF				
M(inch)	N	O	P	No. holes
2"	120.6	165	18	4
2-1/2"	139.7	185	18	4
3"	152.4	200	18	4
4"	190.5	230	18	8
5"	214	255	22	8
6"	240.2	285	23	8
8"	296	340	23	8
10"	362	405	24	12
12"	431.8	475	24	12
14"	476.2	525	29	12
16"	539.7	590	29	16
20”	635	690	32	20

Non-binding dimensions in mm - Flow direction: downwards from above.

Working conditions and performance limits

Size	RPM		PRESSURE MAX (mbarg)	T2 (°C)	T2 T1 (°C)
	MAX	MIN (1)		MAX	MAX
15	5000	1200	900	130	110
25			700		90
35	5000	1000	1000	150	130
45			1000		110
46			700		90
55	4800	900	1000	150	130
65			1000		110
66			700		90
75	3800	700	1000	150 (2)	130
85			1000		110
86			700		90
95	3000	550	1000	150 (2)	130
105			1000		110
106			700		90
115	2400	450	1000	150 (2)	130
125			1000		110
126			700		90
135	2000	350	1000	150 (2)	130
145			1000		110
155			700		90
165	1500	300	1000	150 (2)	130
175			1000		110
205	1200	250	1000	150 (2)	130
225			700		110

Note:
(1) Resonance phenomena in the plant are possible for rotary speeds close to the minimum values.
(2)160°C for blowers /R-F

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