



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL020001004 - BL020001M04

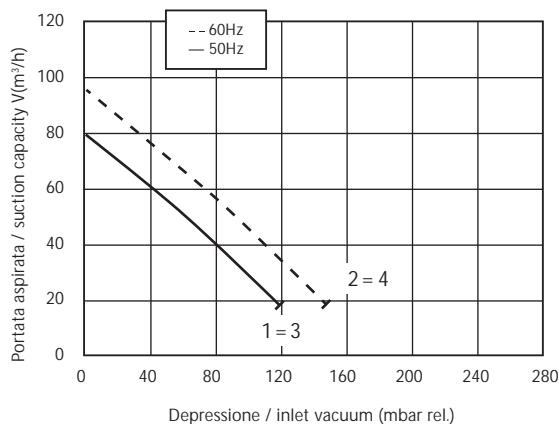


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

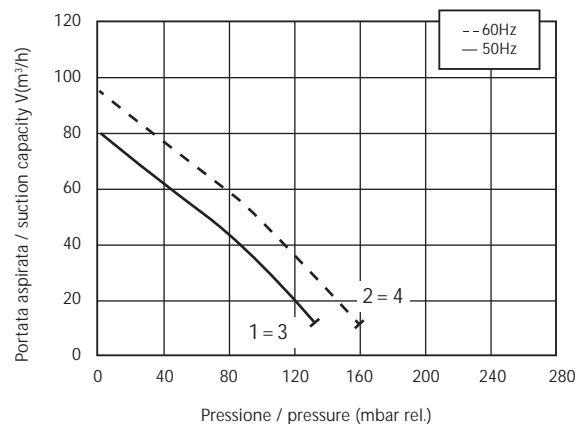
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL020001004	50	0.4	200-240 345-415Y	2.6 /1.5Y	53	10
2	BL020001004	60	0.5	220-275 380-480Y	2.6 /1.5Y	56	10
3	BL020001M04	50	0.4	200-240V	2.7	53	11
4	BL020001M04	60	0.5	200-240V	3.2	56	11

### ASPIRAZIONE / EXHAUST



### COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.





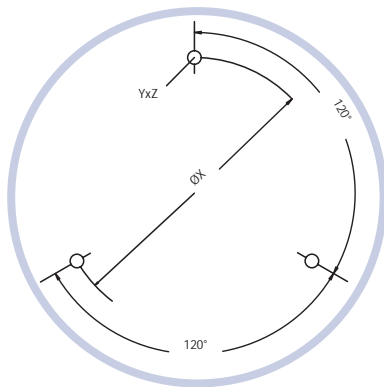
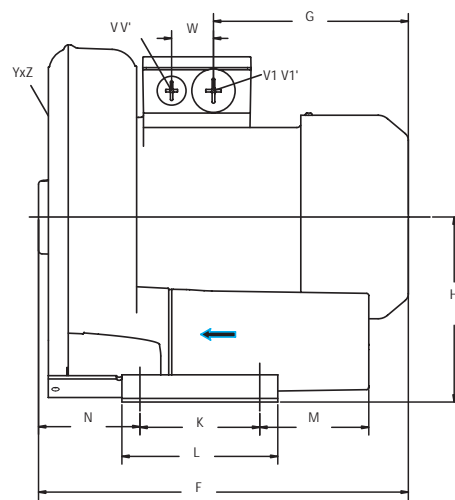
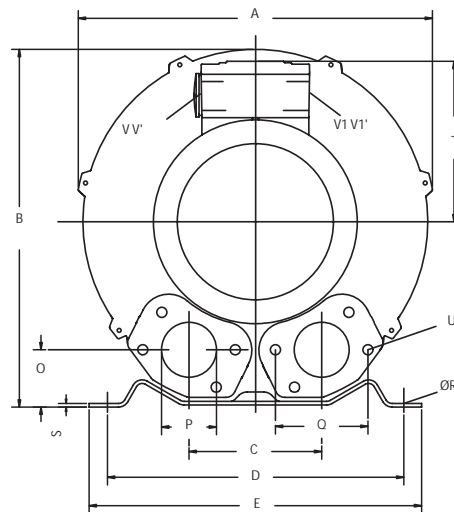
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL020001004 - BL020001M04



Dimensioni / Dimensions = mm



	Phase Fase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V1'	YxZ	X- holes X- fori	ØX
BL020001M04	1	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1"1/4	64	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø140
BL020001004	3	246	247	90	205	230	256	135	128	111	83	108	75	71	39	G1"1/4	64	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø140



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS



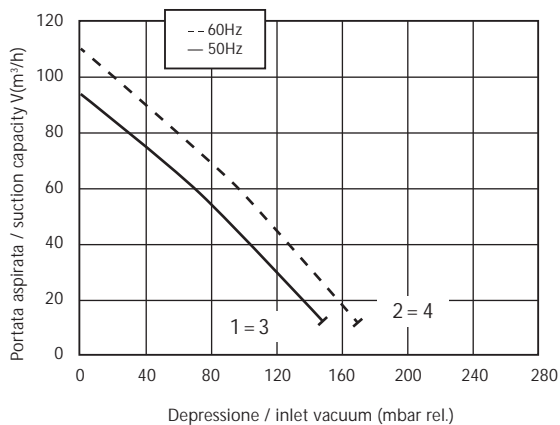
## MODELLO BL030001005 - BL030001M05

Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

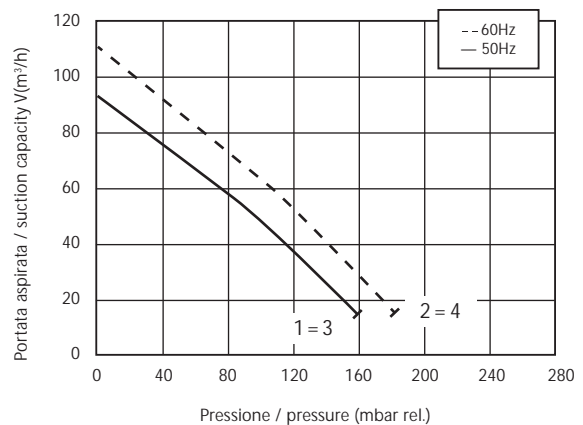
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL030001005	50	0.55	200- 240 345- 415Y	2.4 /1.7Y	57	12
2	BL030001005	60	0.62	220- 275 380- 480Y	2.6 /1.5Y	60	12
3	BL030001M05	50	0.55	220- 240V	3.7	57	12
4	BL030001M05	60	0.62	220- 240V	4.9	60	12

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m³ e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m³ and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



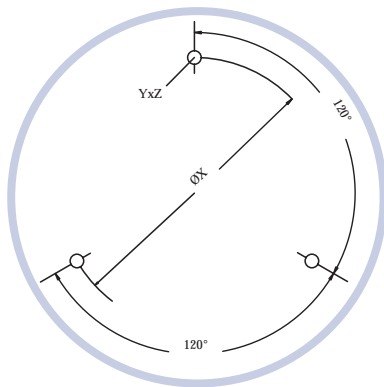
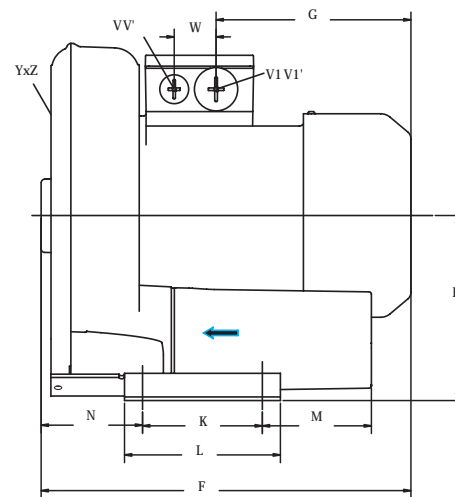
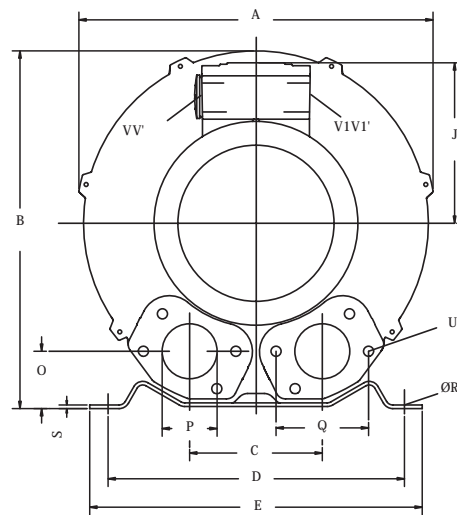
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL030001005 - BL030001M05



Dimensioni / Dimensions = mm



	Phase Fase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V1'	YxZ	X-holes X- fori	ØX
BL030001M05	1	268	272	93	205	230	260	135	141	111	83	108	82	69	41	G1 <sup>1</sup> / <sub>4</sub>	64	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø160
BL030001005	3	268	272	93	205	230	260	135	141	111	83	108	82	69	41	G1 <sup>1</sup> / <sub>4</sub>	64	10	2.5	M6x17	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø160



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL040001M09 - BL040001009 BL040001M13 - BL040001013

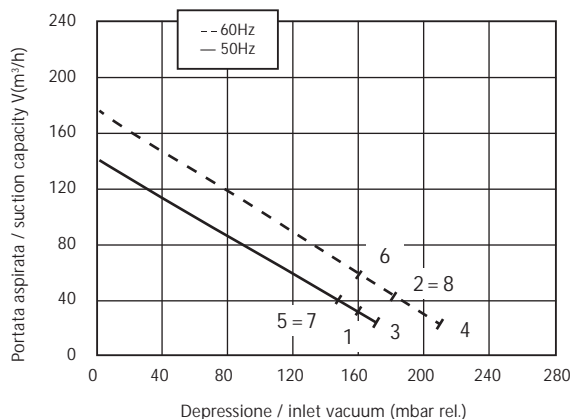


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

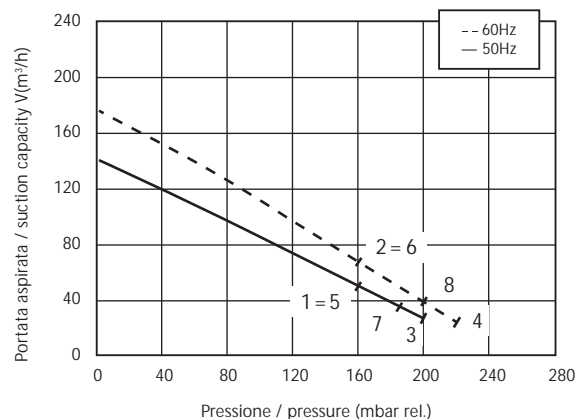
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL040001009	50	0.85	200-240 345-415Y	4.2 /2.4Y	63	15
2	BL040001009	60	0.95	220-275 380-480Y	4.0 /2.3Y	64	15
3	BL040001013	50	1.3	200-240 345-415Y	6.6 /3.8Y	63	16
4	BL040001013	60	1.5	220-275 380-480Y	6.9 /4.0Y	64	16
5	BL040001M09	50	0.85	200-240V	5	63	16
6	BL040001M09	60	0.95	200-240V	5.8	64	16
7	BL040001M13	50	1.3	200-240V	7.3	63	17
8	BL040001M13	60	1.5	200-240V	7.8	64	17

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



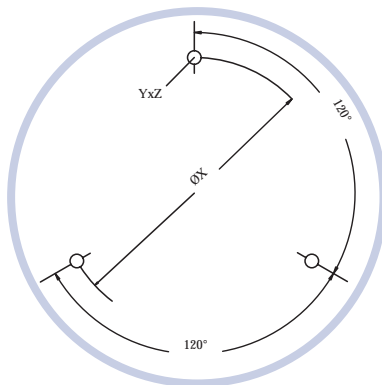
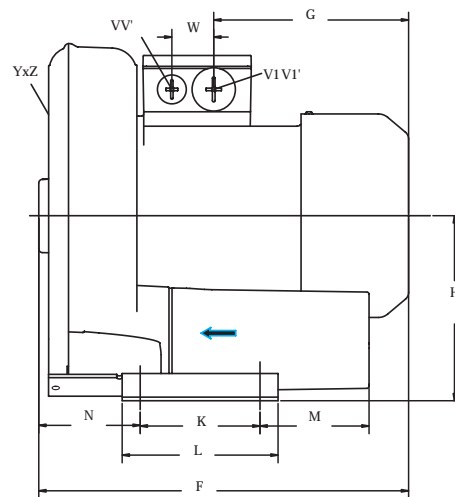
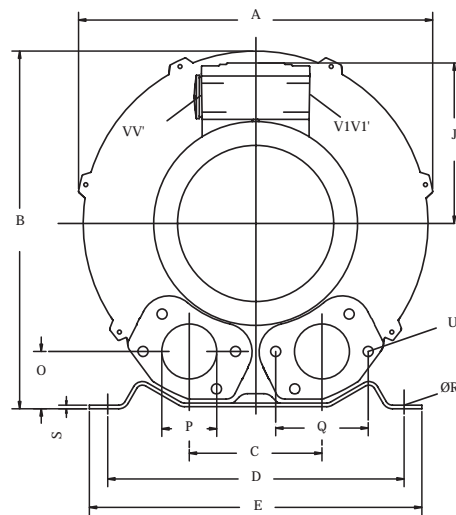
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

SIDE CHANNEL  
COMPRESSORS AND  
VACUUM PUMPS

MODELLO BL040001M09 - BL040001009  
BL040001M13 - BL040001013



Dimensioni / Dimensions = mm



	Phase Fase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V1'	YxZ	X-holes X-fori	ØX
BL040001M09	1	285	302	115	225	255	294	160	154	120	95	130	70	75	46	G1"½	72	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø174
BL040001M13	1	285	302	115	225	255	294	160	154	120	95	130	70	75	46	G1"½	72	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø174
BL040001009	3	285	302	115	225	255	292	160	154	120	95	130	70	75	46	G1"½	72	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø174
BL040001013	3	285	302	115	225	255	292	160	154	120	95	130	70	75	46	G1"½	72	12	3	M6x19	M16x1.5	M25x1.5	M25x1.5	M16x1.5	M6x15	0°/120°/240°	Ø174



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL050001M15 - BL050001015 BL050001022

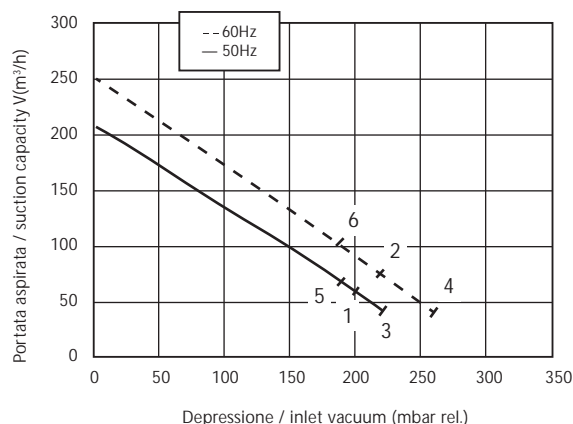


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

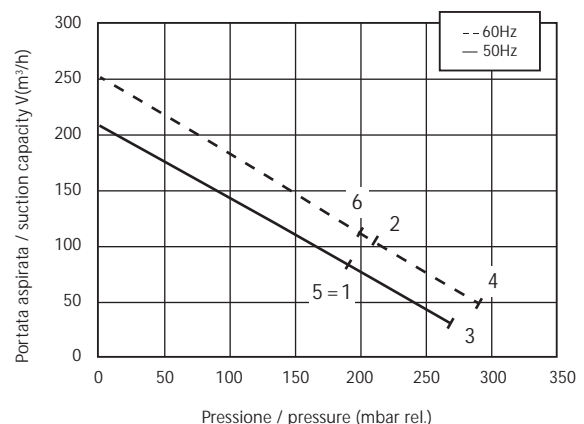
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL050001015	50	1.5	200-240 345-415Y	7.5 /4.3Y	64	21
2	BL050001015	60	1.75	220-275 380-480Y	7.6 /4.4Y	70	21
3	BL050001022	50	2.2	200-240 345-415Y	9.7 /5.6Y	64	25
4	BL050001022	60	2.55	220-275 380-480Y	10.3 /6.0Y	70	25
5	BL050001M15	50	1.5	200-240V	9	64	24
6	BL050001M15	60	1.75	200-240V	9.5	70	24

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



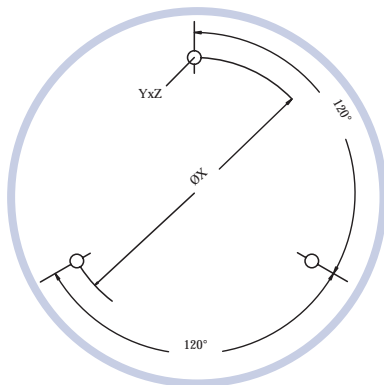
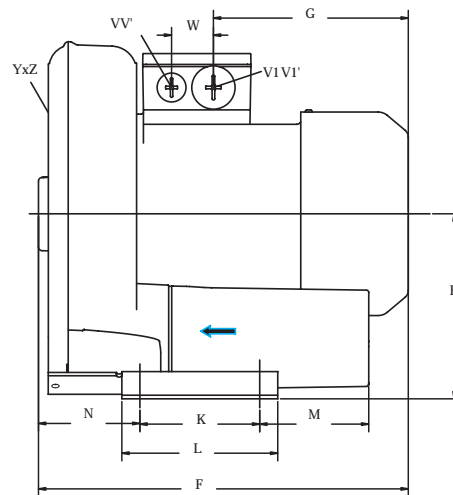
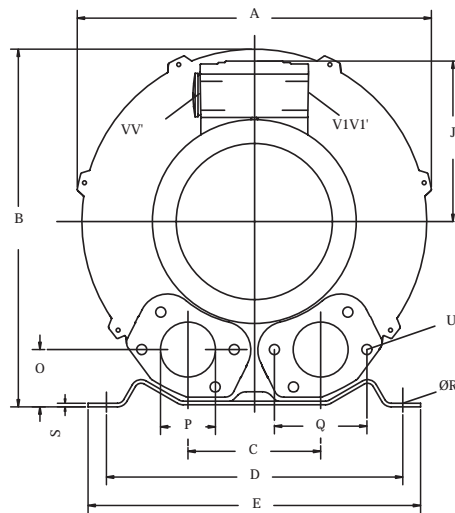
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL050001M15 - BL050001015  
BL050001022



Dimensioni / Dimensions = mm



	Phase Fase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V1'	YxZ	X-holes X- fori	ØX
BL050001M15	1	334	337	120	260	295	346	191	175	128	115	155	96	87	48	G2"	83	14	4	M8 X 17	M16 X 1.5	M25 X 1.5	M25 X 1.5	M16 X 1.5	M8 x 20	0°/120°/240°	Ø200
BL050001015	3	334	337	120	260	295	346	191	175	128	115	155	96	87	48	G2"	83	14	4	M8 X 17	M16 X 1.5	M25 X 1.5	M25 X 1.5	M16 X 1.5	M8 x 20	0°/120°/240°	Ø200
BL050001022	3	334	337	120	260	295	346	191	175	128	115	155	96	87	48	G2"	83	14	4	M8 X 17	M16 X 1.5	M25 X 1.5	M25 X 1.5	M16 X 1.5	M8 x 20	0°/120°/240°	Ø200





# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL060001022 - BL060001030 BL060001040

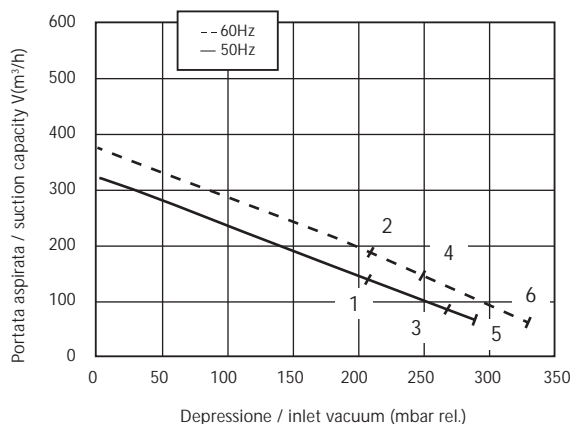


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

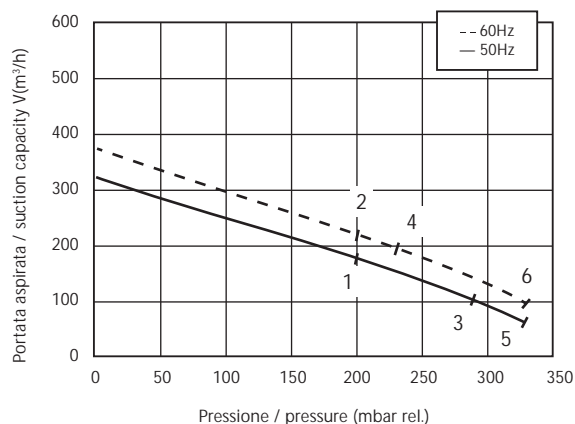
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL060001022	50	2.2	200-240 345-415Y	10 /5.6Y	69	29
2	BL060001022	60	2.55	220-275 380-480Y	10.3 /6.5Y	72	29
3	BL060001030	50	3	200-240 345-415Y	12.5 /7.2Y	69	34
4	BL060001030	60	3.45	220-275 380-480Y	12.5 /7.3Y	72	34
5	BL060001040	50	4	345-415	9.5	69	42
6	BL060001040	60	4.6	345-415	9.5	72	42

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



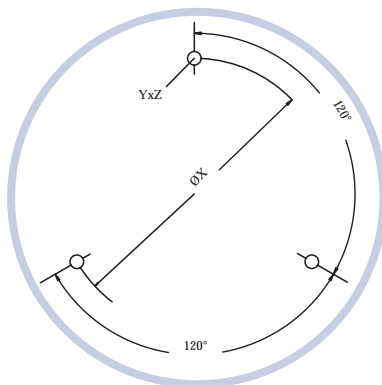
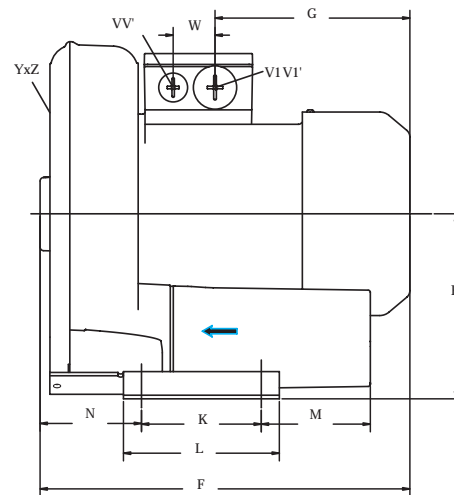
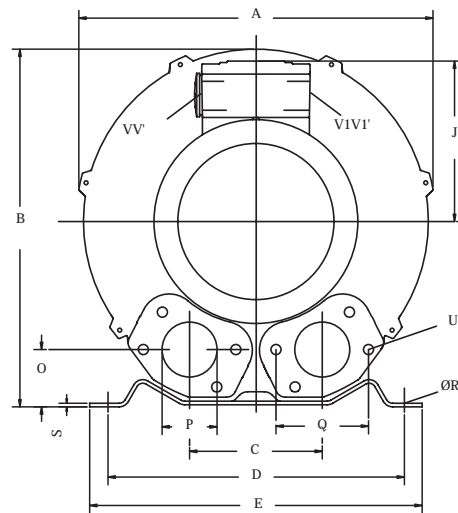
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL060001022 - BL060001030  
BL060001040



Dimensioni / Dimensions = mm



	Phase Fase	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	V1	V1'	YxZ	X-holes X- fori	ØX
BL060001022	3	382	384	125	290	325	377	191	197	128	140	180	84	109	54	G2"	83	15	4.5	M8x17	M25x1.5	M16x1.5	M25x1.5	M16x1.5	M10x20	0°/120°/240°	Ø240
BL060001030	3	382	384	125	290	325	409	188	197	135	140	180	84	109	54	G2"	83	15	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	Ø240
BL060001040	3	382	384	125	290	325	432	209	197	148	140	180	84	109	54	G2"	83	15	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0°/120°/240°	Ø240



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS



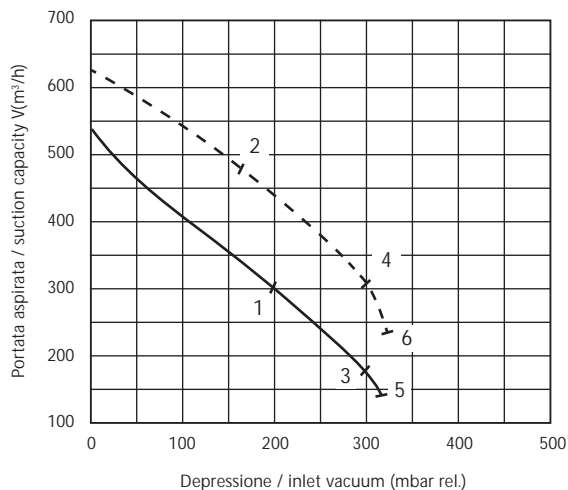
## MODELLO BL070001055 - BL070001075

Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

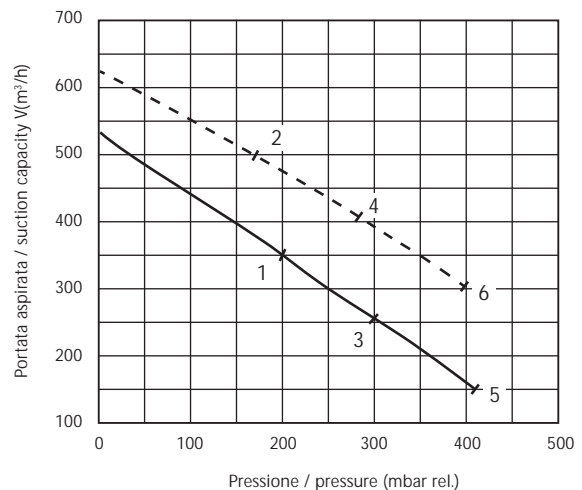
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL070001055	50	5.5	345- 415 /600- 720Y	12.9 /7.4Y	70	63
2	BL070001055	60	6.3	380- 480 /660- 720Y	12.9 /7.45Y	74	63
3	BL070001075	50	7.5	345- 415 /600- 720Y	16.7 /9.6Y	70	66
4	BL070001075	60	8.6	380- 480 /660- 720Y	17.3 /10.0Y	74	66

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



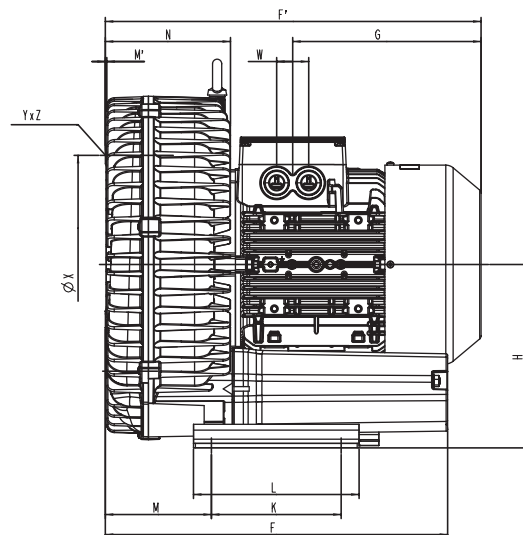
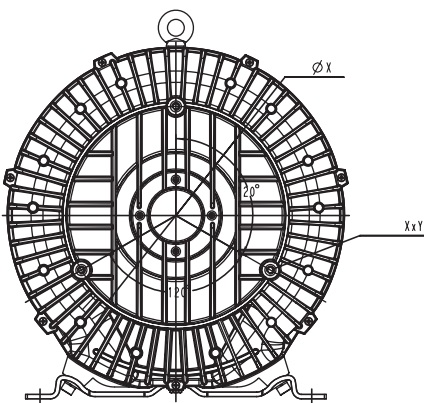
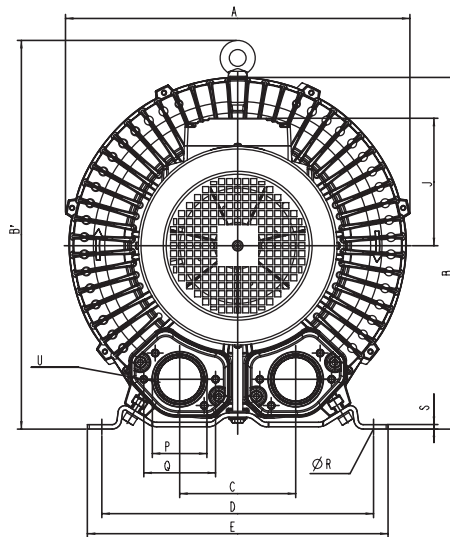
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

SIDE CHANNEL  
COMPRESSORS AND  
VACUUM PUMPS

MODELLO BL070001055 - BL070001075



Dimensioni / Dimensions = mm



	Phase Fase	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W	ØX	YxZ	X- holes X- fori
BL070001055	3~	451	-	461	509	152	356	394	433	477	226	240	-	167	170	217	140	124	-	65	G2½	15	6	4xM32x1.5	42	286	M12x20	0°/120°/240°
BL070001075	3~	451	-	461	509	152	356	394	433	477	226	240	-	167	170	217	140	124	-	65	G2½	15	6	4xM32x1.5	42	286	M12x20	0°/120°/240°



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL090001125 - BL090001185

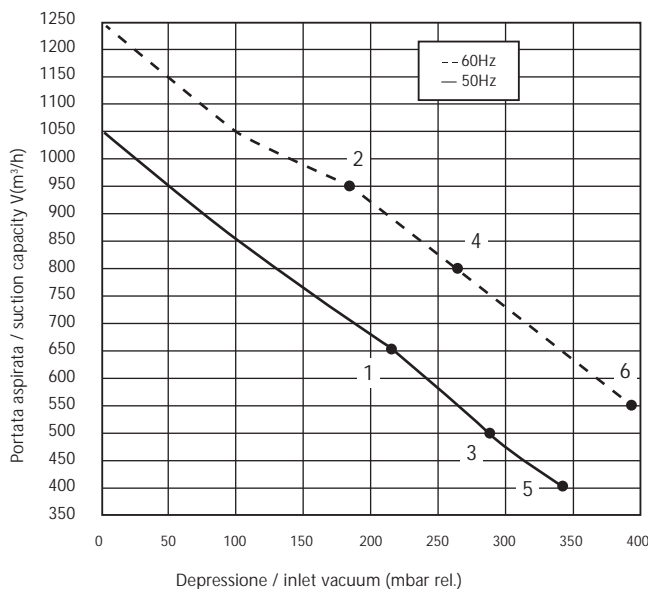


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziosi contribuiscono ad ottenere un elevato livello di silenziosità.

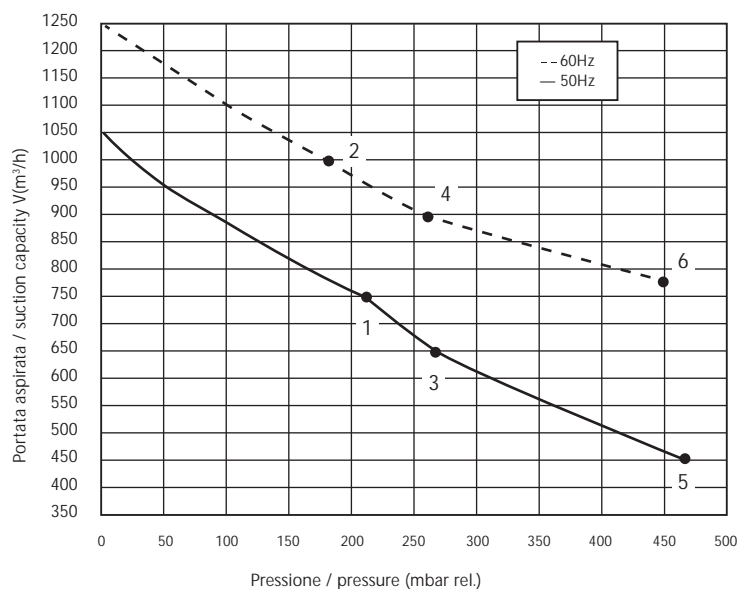
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL090001125	50	12,5	345- 415 / 600- 720Y	28,0 / 16,2Y	74	116
2	BL090001125	60	14,5	380- 480 / 660- 720Y	29,0 / 16,7Y	79	116
3	BL090001185	50	18,5	345- 415 / 600- 720Y	37,0 / 21,0Y	74	126
4	BL090001185	60	21,3	380- 480 / 660- 720Y	39,0 / 22,5Y	79	126

### ASPIRAZIONE / EXHAUST



### COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



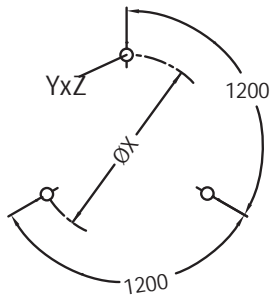
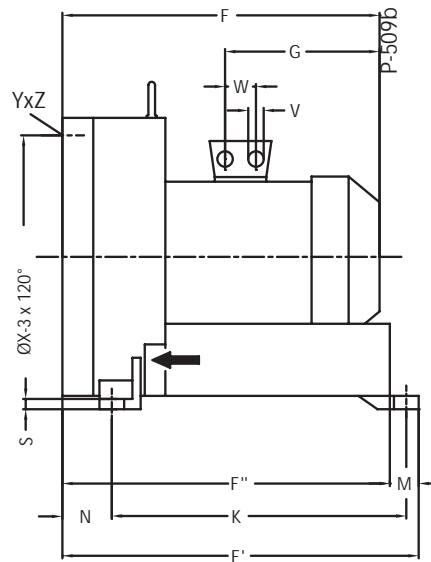
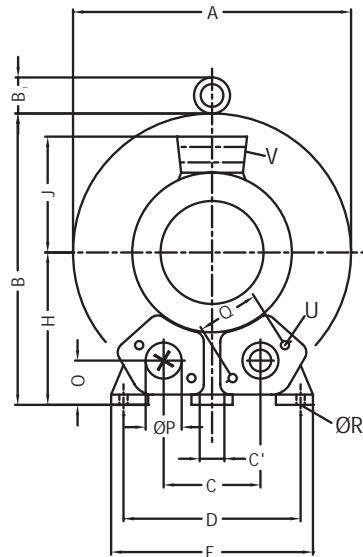
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

SIDE CHANNEL  
COMPRESSORS AND  
VACUUM PUMPS

MODELLO BL090001125 - BL090001185



Dimensioni / Dimensions = mm



Phase Fase	A	B	B'	C	C'	D	E	F	F'	F''	G	H	J	K	M	N	O	ØP	Q	ØR	S	U	V	W	ØX	YxZ	X- holes X- fori	
BL090001125	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4"	150	15	21	M12x30	4xM40x1.5	54	490	M12x30	0°/120°/240°
BL090001185	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89	92	G4"	150	15	21	M12x30	4xM40x1.5	54	490	M12x30	0°/120°/240°



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL320002007

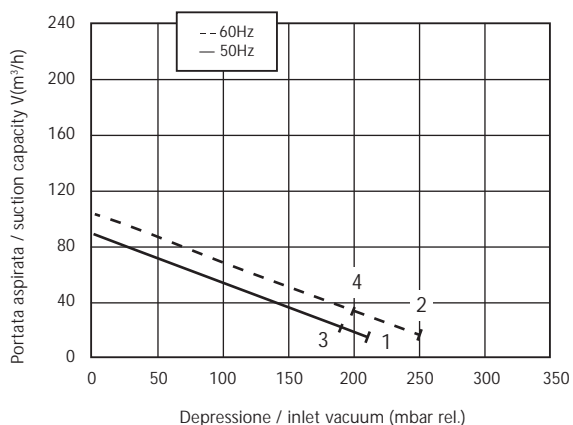


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziosi contribuiscono ad ottenere un elevato livello di silenziosità.

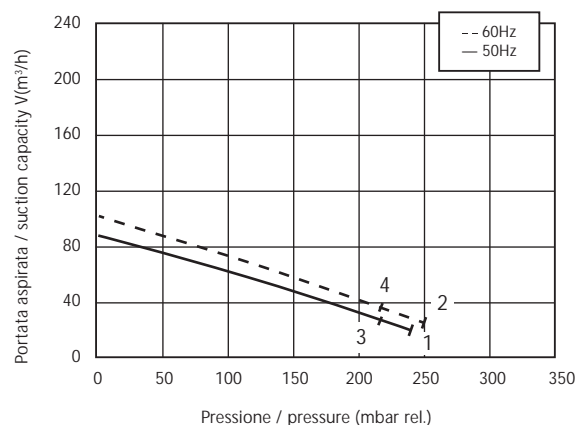
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL320002007	50	0.7	200-240 345-415Y	3.8 /2.2Y	55	14
2	BL320002007	60	0.83	220-275 380-480Y	3.75 /2.15Y	61	14

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



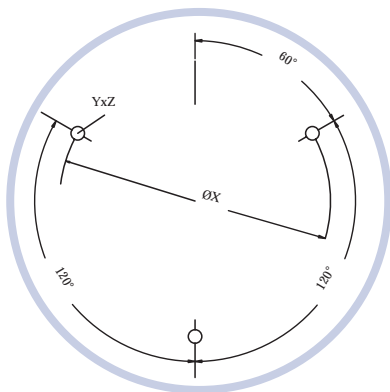
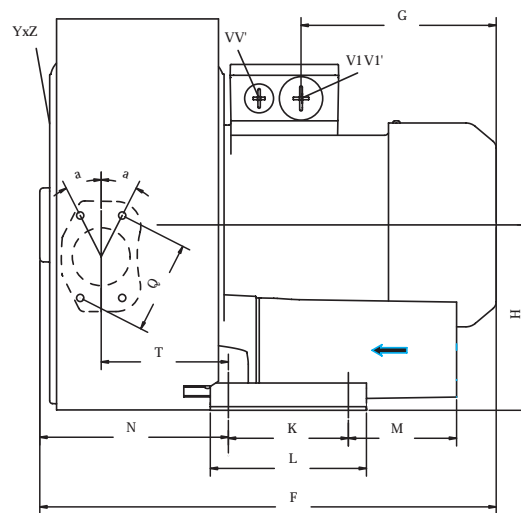
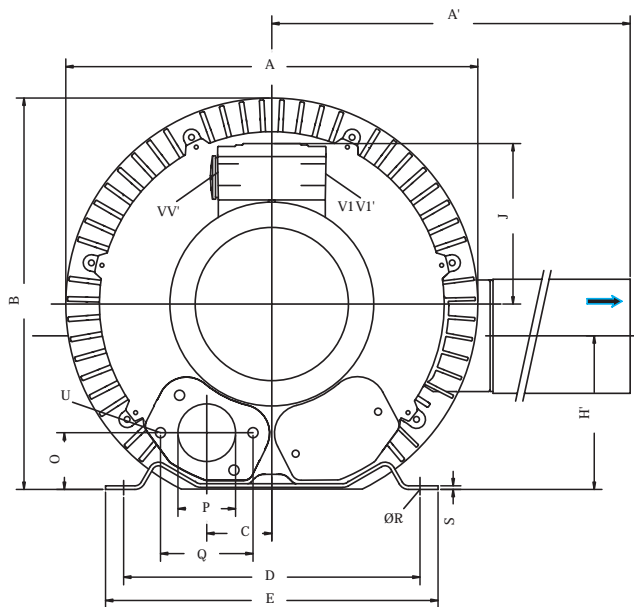
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL320002007



Dimensioni / Dimensions = mm



Phase Fase	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V1 X- fori	V1'	a	ØX	YxZ	X- holes	
BL320002007	3	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	G1"¼	64	10	2.5	88	M6x17	M25x1.5	M16x1.5	27°	140	M6x15	51°/171°/291°





# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL420002016 – BL420002022

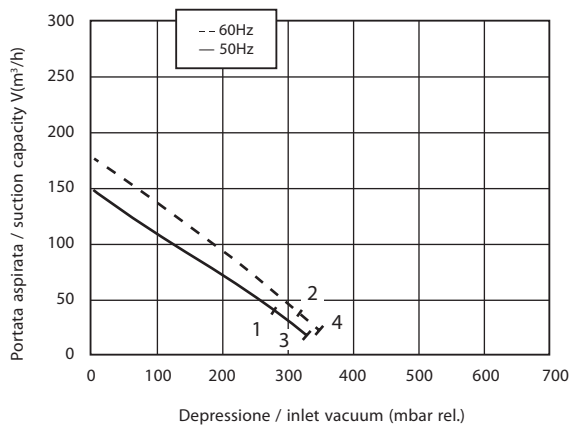


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

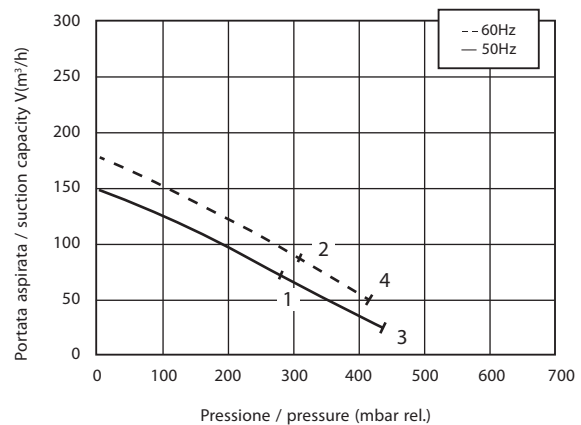
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL420002016	50	1.6	200-240 Δ 345-415Y	7.5 Δ/4.3Y	66	24
2	BL420002016	60	2.05	220-275 Δ 380-480Y	7.6 Δ/4.4Y	69	24
3	BL420002022	50	2.2	200-240 Δ 345-415Y	9.7 Δ/5.6Y	66	27
4	BL420002022	60	2.55	220-275 Δ 380-480Y	10.3 Δ/6.0Y	69	27

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m³ e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m³ and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



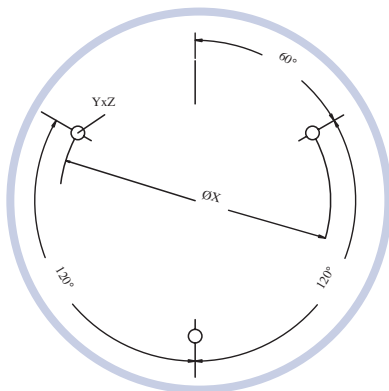
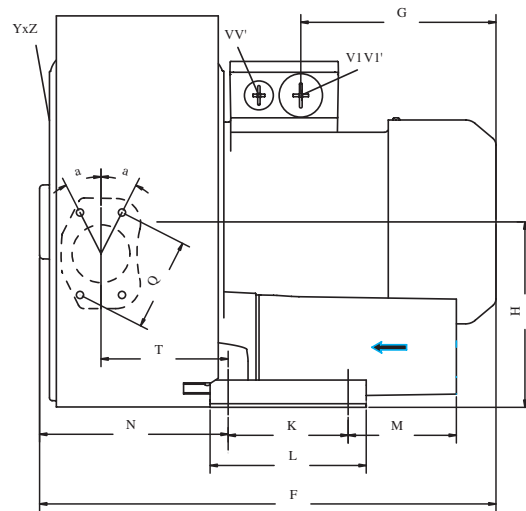
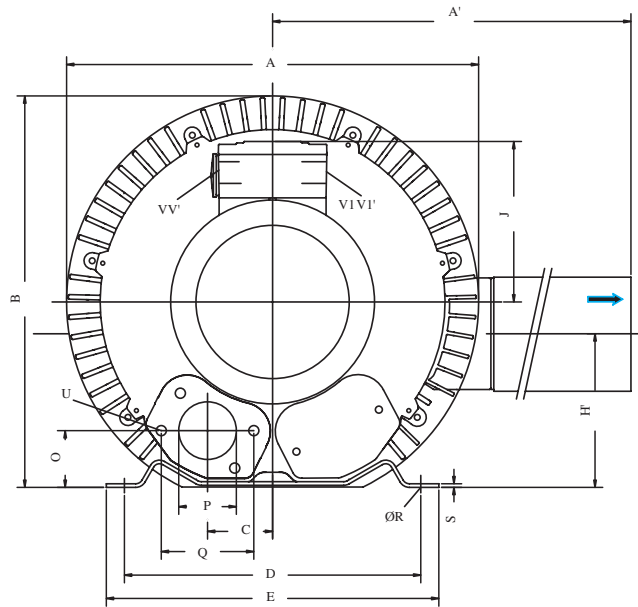
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL420002016 - BL420002022



Dimensioni / Dimensions = mm



	Phase Fase	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V1 X-fori	V1'	a	ØX	YxZ	X-holes
BL420002016	3	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1"½	72	12	3	104	M6 x 19	M25 x 1.5	M16 x 1.5	28°	174	M6 x 15	51°/171°/291°
BL420002022	3	322	324	315	58	225	255	401	191	154	153	128	95	130	73	151	45	G1"½	72	12	3	104	M6 x 19	M25 x 1.5	M16 x 1.5	28°	174	M6 x 15	51°/171°/291°



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL520002030 – BL520002040

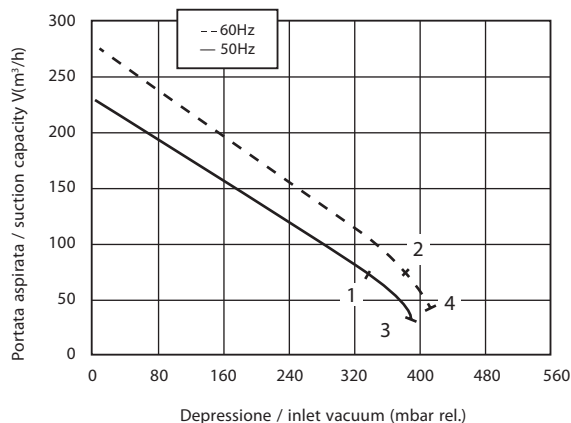


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziosi contribuiscono ad ottenere un elevato livello di silenziosità.

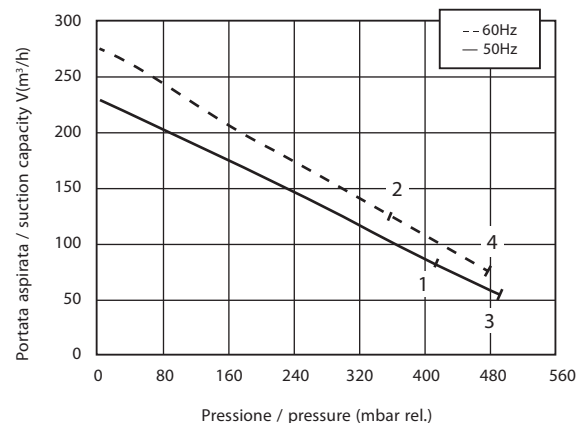
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL520002030	50	3.0	200-240 Δ 345-415Y	12.5 Δ/7.2Y	72	39
2	BL520002030	60	3.45	220-275 Δ 380-480Y	12.5 Δ/7.3Y	74	39
3	BL520002040	50	4	380-415 Δ	10 Δ	72	43
4	BL520002040	60	4.6	380-415 Δ	9.9 Δ	74	43

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



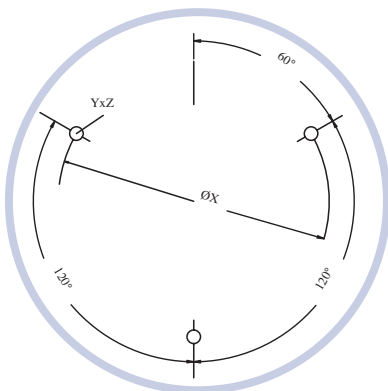
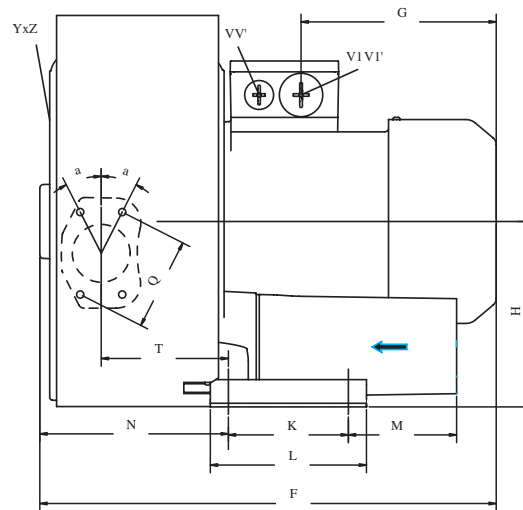
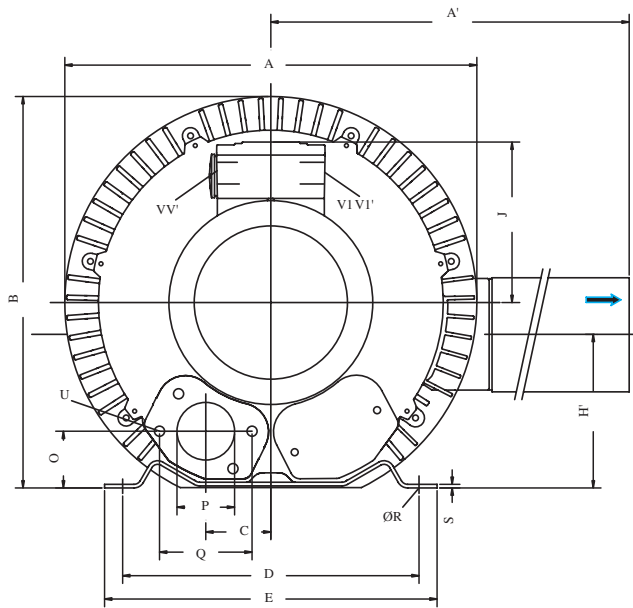
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL520002030 - BL520002040



Dimensioni / Dimensions = mm



Phase Fase	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q	ØR	S	T	U	V	V'	V1	V1'	a	ØX	YxZ	X-holes X-fori
BL520002030	3	372	411	371	60	260	295	465	190	175	144	135	115	155	98	171	48	G2"	83	14	4	116	M8x17	4 x M 32 x1.5		23.5°	200	M8 x 20	51°/171°/291°	
BL520002040	3	372	411	371	60	260	295	499	224	175	144	135	115	155	98	171	48	G2"	83	14	4	116	M8x17	4 x M 32 x1.5		23.5°	200	M8 x 20	51°/171°/291°	



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL620002040 – BL620002055 BL620002075

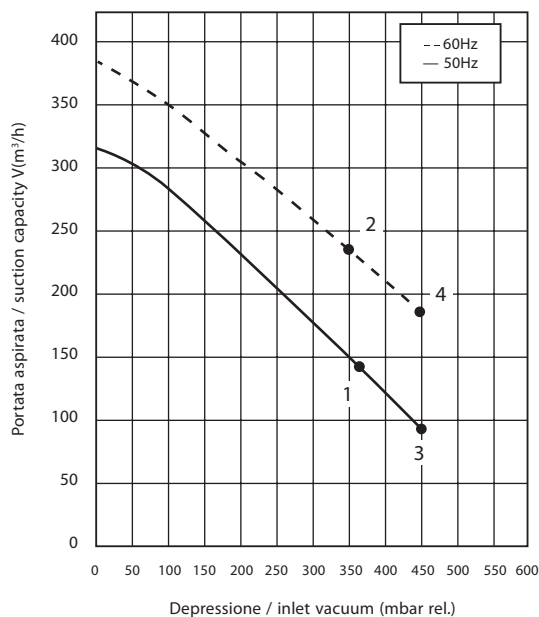


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

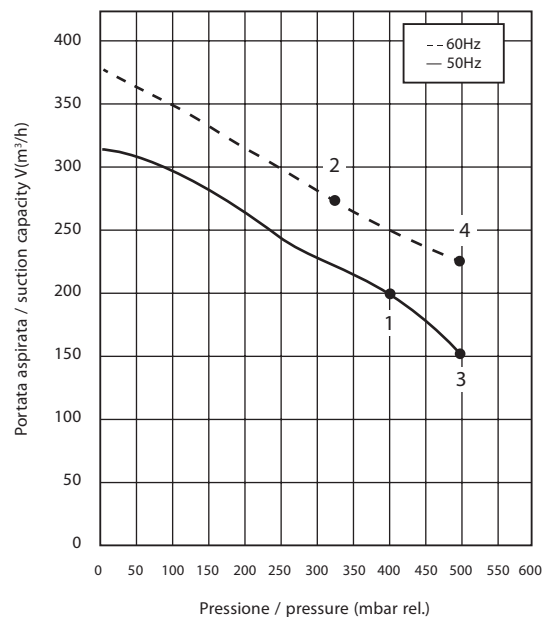
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL620002040	50	4.0	345-415 Δ 600-720Y	10.0 Δ/5.2Y	73	54
2	BL620002040	60	4.8	380-480 Δ 660-720Y	10.4 Δ/6.0Y	76	54
3	BL620002055	50	5.5	345-415 Δ 600-720Y	13.3 Δ/7.7Y	73	66
4	BL620002055	60	6.3	380-480 Δ 660-720Y	13.3 Δ/7.7Y	76	66
5	BL620002075	50	7.5	345-415 Δ 600-620Y	16.7 Δ/9.6Y	78	78
6	BL620002075	60	8.6	380-480 Δ 660-720Y	17.3 Δ/10.0Y	80	78

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m<sup>3</sup> e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m<sup>3</sup> and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



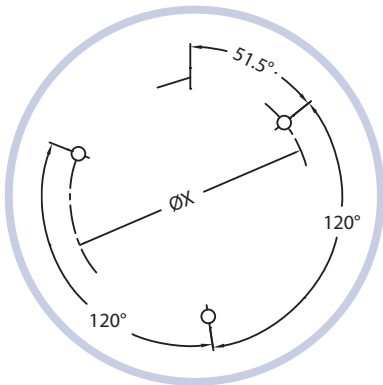
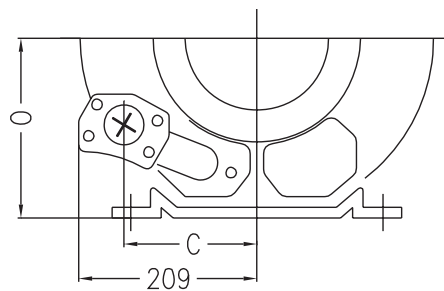
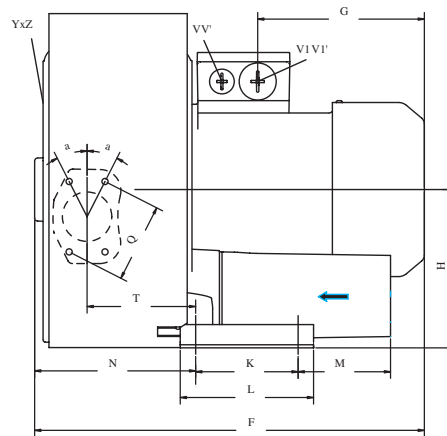
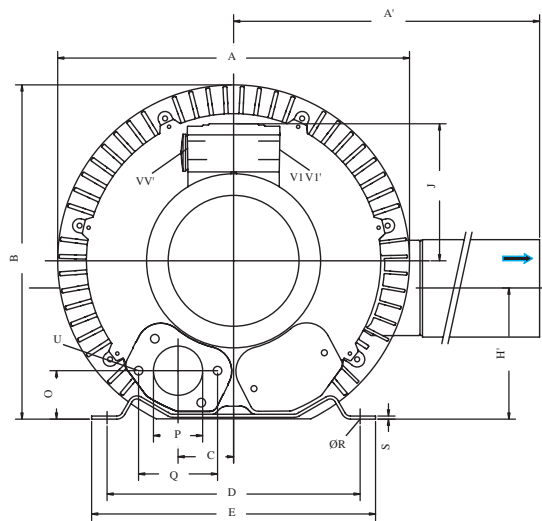
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL620002040 - BL620002055  
BL620002075



Dimensioni / Dimensions = mm



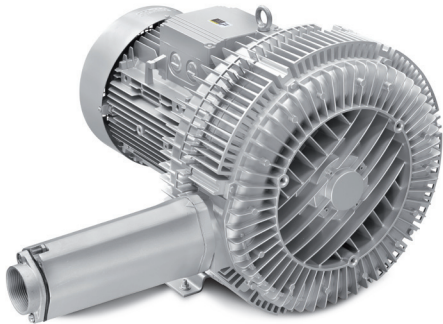
	Phase Fase	A	A'	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ØR	S	U	V	V'	VI'	YxZ	X-holes X-foři	ØX
BL620002040	3	426	426	410	154	290	326	526	209	197	135	140	180	205	192	197	G2"	83	15	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M10x20	51.5°/171.5°/291.3°	240
BL620002055	3	426	426	410	154	290	326	560	226	197	135	140	180	205	192	197	G2"	83	15	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M10x20	51.5°/171.5°/291.3°	240
BL620002075	3	426	426	410	154	290	326	595	245	197	135	140	180	205	192	197	G2"	83	15	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M10x20	51.5°/171.5°/291.3°	240



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL920002075 – BL920002110 BL920002150

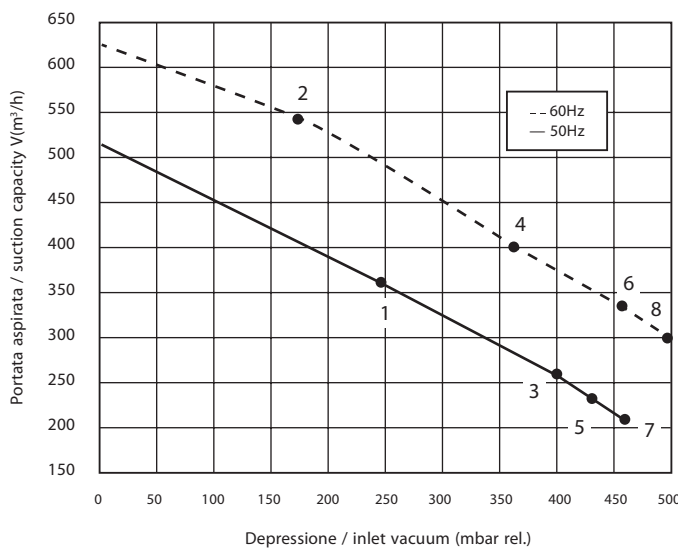


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

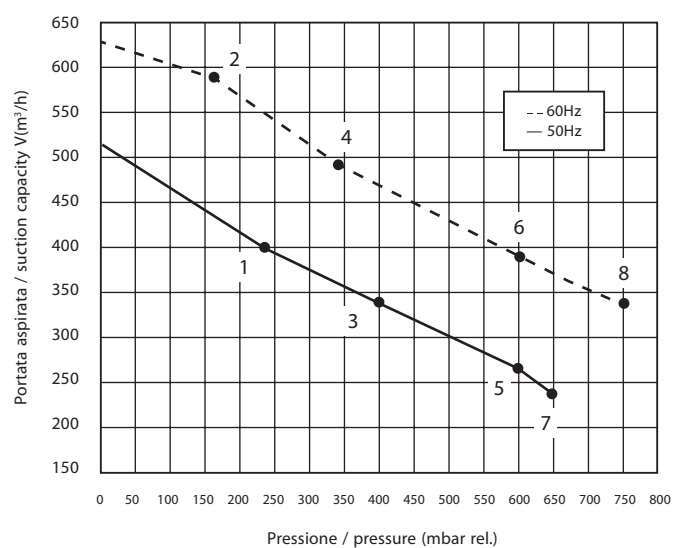
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL920002075	50	7,5	345-415Δ/600-720Y	16,7Δ/9,6Y	74	86
2	BL920002075	60	8,6	380-480Δ/660-720Y	17,3Δ/10,0Y	78	86
3	BL920002110	50	11,0	345-415Δ/600-720Y	28,0Δ/16,2Y	74	104
4	BL920002110	60	12,6	380-480Δ/660-720Y	29,0Δ/16,7Y	78	104
5	BL920002150	50	15,0	345-415Δ/600-720Y	32,5Δ/18,8Y	74	120
6	BL920002150	60	17,3	380-480Δ/660-720Y	34,5Δ/19,9Y	78	120

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente in aspirazione temperature di 15°, densità di 1,23 kg/m³ e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

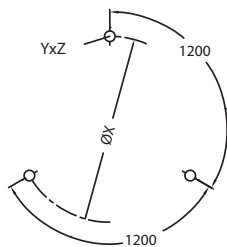
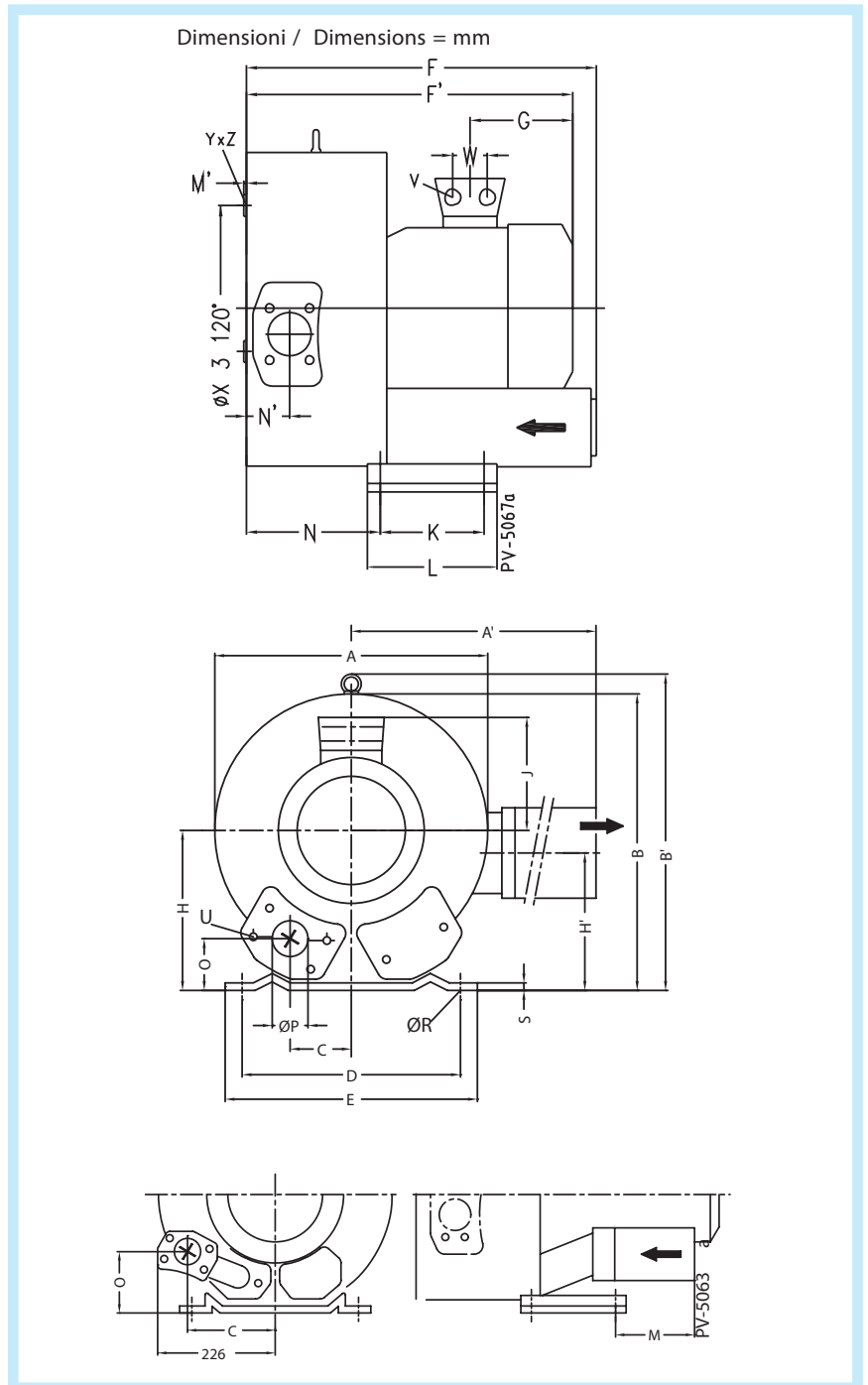
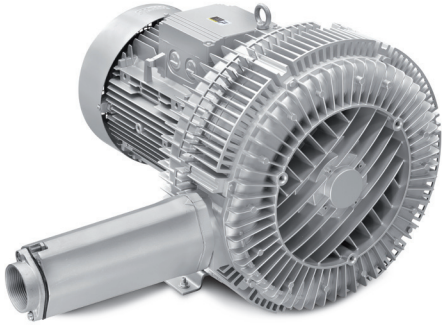
The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m³ and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL920002075 – BL920002110  
BL920002150



Phase Fase	A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M	N	N'	O	ØP	ØR	S	V	W	ØX	YxZ	X-holes X-fori	
BL920002075	3~	500	549	490	509	76	356	394	545	589	226	240	199	167	170	217	-	236	84	65	G2 <sup>1</sup> / <sub>2</sub>	15	6	4xM32x1.5	42	286	M12x20	51.4°/120°/240°
BL920002110	3~	500	549	490	509	76	356	394	545	694	318	240	199	197	170	217	-	212	84	105	G2 <sup>1</sup> / <sub>2</sub>	15	6	4xM40x1.5	54	286	M12x20	51.4°/120°/240°
BL920002150	3~	500	549	490	509	76	356	394	545	694	318	240	199	197	170	217	-	212	84	105	G2 <sup>1</sup> / <sub>2</sub>	15	6	4xM40x1.5	54	286	M12x20	51.4°/120°/240°

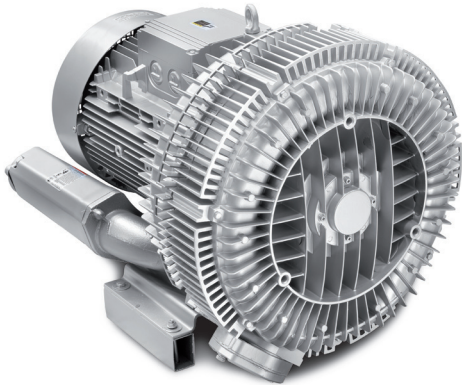




# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL820020075 – BL820020110

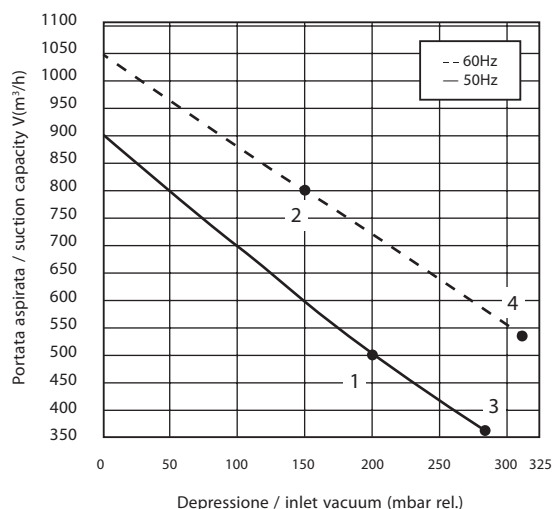


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziosi contribuiscono ad ottenere un elevato livello di silenziosità.

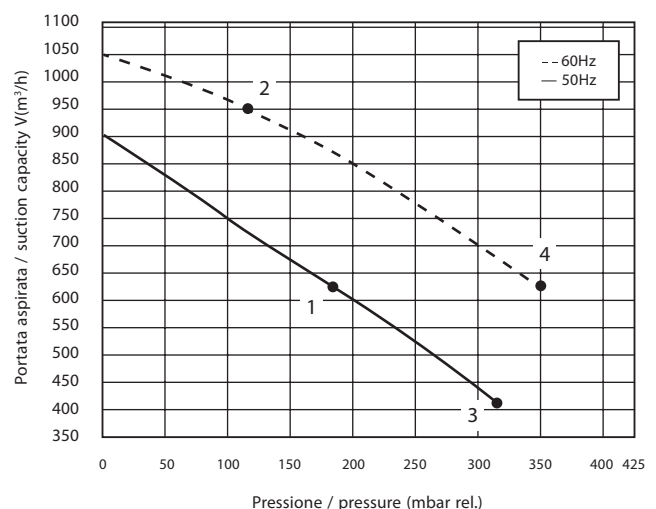
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Vtaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL820020075	50	7,5	345-415Δ/600-720Y	16,7Δ/9,6Y	74	91
2	BL820020075	60	8,6	380-480Δ/660-720Y	17,3Δ/10,0Y	78	91
3	BL820020110	50	11,0	345-415Δ/600-720Y	28,0Δ/16,2Y	74	110
4	BL820020110	60	12,6	380-480Δ/660-720Y	29,0Δ/16,7Y	78	110

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente temperature di 15°, densità di 1,23 kg/m³ e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

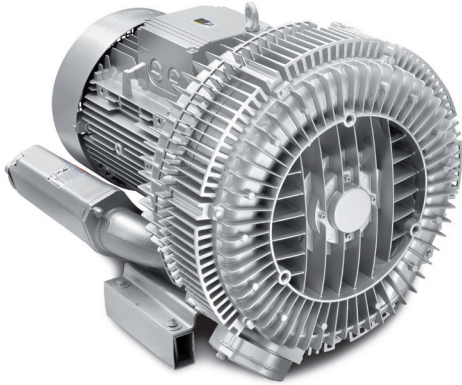
The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m³ and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



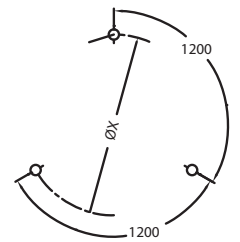
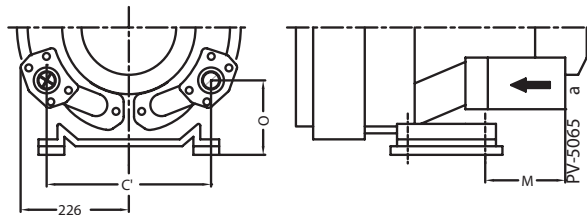
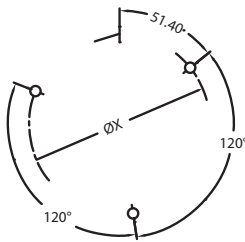
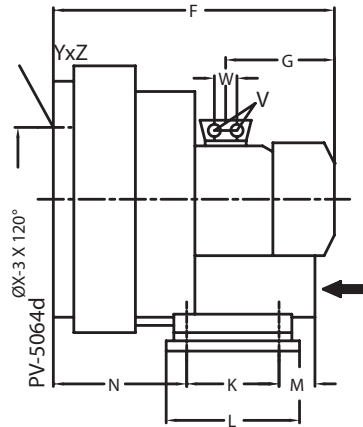
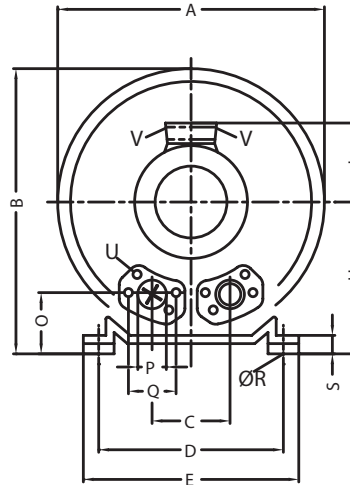
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL820020075 - BL820020110



Dimensioni / Dimensions = mm



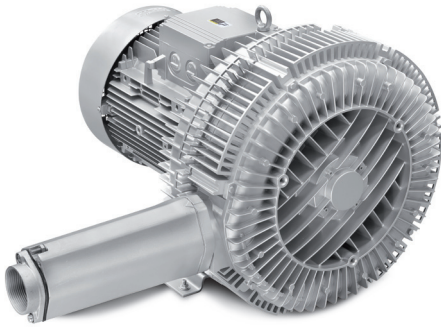
	Phase Fase	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O	ØP	ØR	S	V	W	ØX	YxZ	X-holes X-fori
BL820020075	3~	500	550	152	-	356	394	589	247	300	167	170	217	-	236	125	G2 <sup>n</sup> ½	15	66	4 x M32x1.5	42	286	M12x20	0°/120°/240°
BL820020110	3~	500	550	-	336	356	394	694	318	300	197	170	217	312	212	165	G2 <sup>n</sup> ½	15	66	4 x M40x1.5	54	286	M12x20	0°/120°/240°



# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

## MODELLO BL920020165 – BL920020200 BL920020250

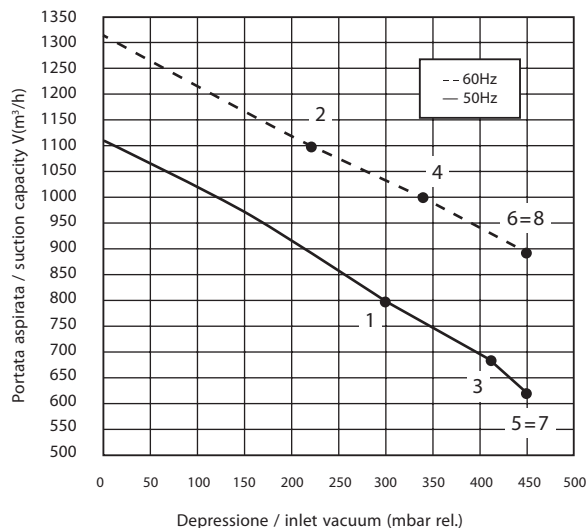


Costruiti secondo il principio dei canali laterali, funzionano sia in aspirazione sia in compressione e sono progettati per lavorare a servizio continuo. Realizzato in alluminio pressofuso garantisce la massima robustezza e maneggevolezza. Non occorre lubrificazione in quanto non c'è contatto tra le parti statiche e rotanti. Particolari silenziatori contribuiscono ad ottenere un elevato livello di silenziosità.

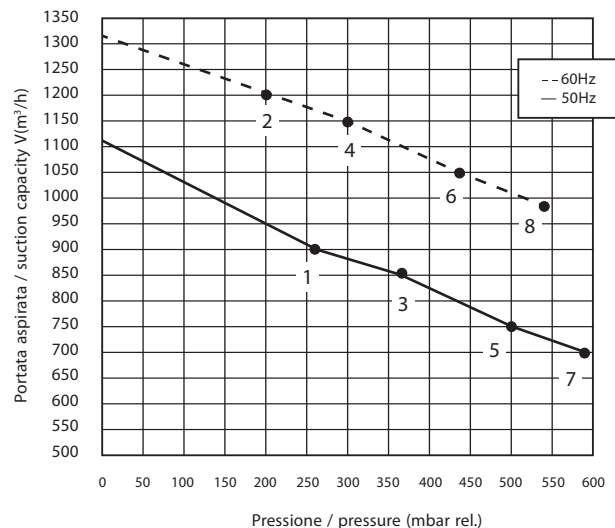
Construction of the ring blowers fans is based on the lateral ducts principle. The blowers can operate as either exhaust or compression fans and are designed for continuous service. The device is assembled directly on the motor shaft; all the rotating parts are dynamically balanced to ensure absolute absence of vibration. Full die-cast aluminium construction for maximum sturdiness and ease of handling.

Curve Curva n.	Model Modello n.	Frequency Frequenza (Hz)	Output power Potenza (kW)	Voltage Voltaggio (V)	Rated current Assorbimento (A)	Noise Rumorosità dB (A)	Weight Peso (Kg)
1	BL920020165	50	16,5	345-415Δ/ 600-720Y	35,0Δ/ 20,0Y	74	197
2	BL920020165	60	19,0	380-480Δ/ 660-720Y	36,5Δ/ 21,0Y	84	197
3	BL920020200	50	20,0	345-415Δ/ 600-720Y	40,0Δ/ 23,0Y	74	204
4	BL920020200	60	23,0	380-480Δ/ 660-720Y	42,0Δ/ 24,2Y	84	204
5	BL920020250	50	25,0	345-415Δ/ 600-720Y	52,0Δ/ 30,0Y	74	211
6	BL920020250	60	29,0	380-480Δ/ 660-720Y	52,0Δ/ 30,0Y	84	211

ASPIRAZIONE / EXHAUST



COMPRESSIONE / COMPRESSION



I valori di portata e pressione si intendono per il convogliamento dell'aria avente temperature di 15°, densità di 1,23 kg/m³ e pressione a 1.013 mbar. La tolleranza di queste curve si intende del ±10%. I dati sopraindicati possono essere variati senza preavviso.

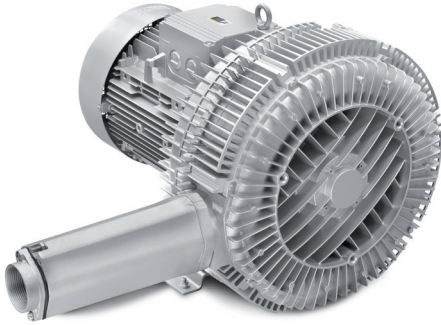
The characteristic data given here refer to the handling of gas with inlet temperature of 15° C, normal density of 1,23 kg/m³ and absolute pressure of 1.013 mbar. Tolerance of ±10%. The data may change without any notification.



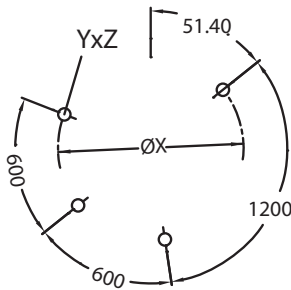
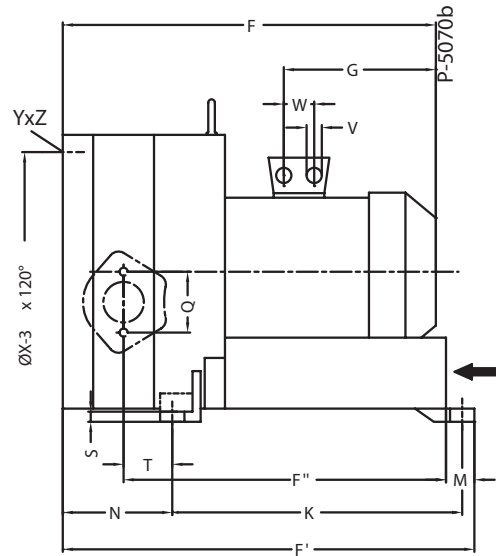
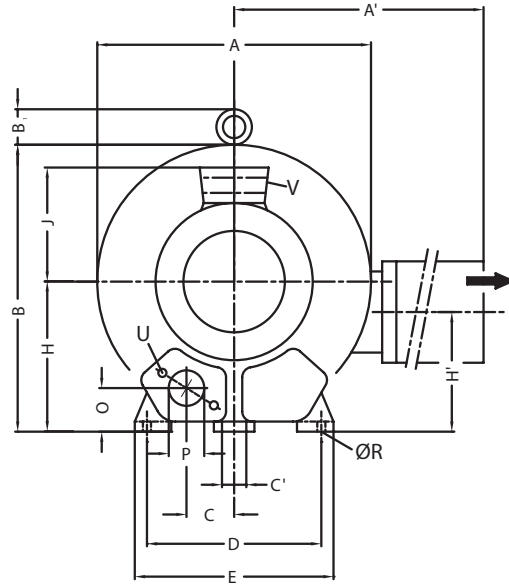
# COMPRESSORI-ASPIRATORI A CANALE LATERALE

# SIDE CHANNEL COMPRESSORS AND VACUUM PUMPS

MODELLO BL920020165 - BL920020200  
BL920020250



Dimensioni / Dimensions = mm



	Phase Fase	A	A'	B	B <sub>i</sub>	C	C'	D	E	F	F'	F''	G	H	H'	J	K	M	N	O	ØP	Q	ØR	S	T	U	V	W	ØX	YxZ	X-holes X-fori
BL920020165	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	234	197	533	39	230	92	G4"	150	15	21	117	M12x30	4xM40x1.5	54	490	M12x30	51.4°/120°/240°
BL920020200	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	234	197	533	39	230	92	G4"	150	15	21	117	M12x30	4xM40x1.5	54	490	M12x30	51.4°/120°/240°
BL920020250	3~	615	780	607	16	103.5	15	360	415	812	786	634	345	300	234	197	533	39	230	92	G4"	150	15	21	117	M12x30	4xM40x1.5	54	490	M12x30	51.4°/120°/240°