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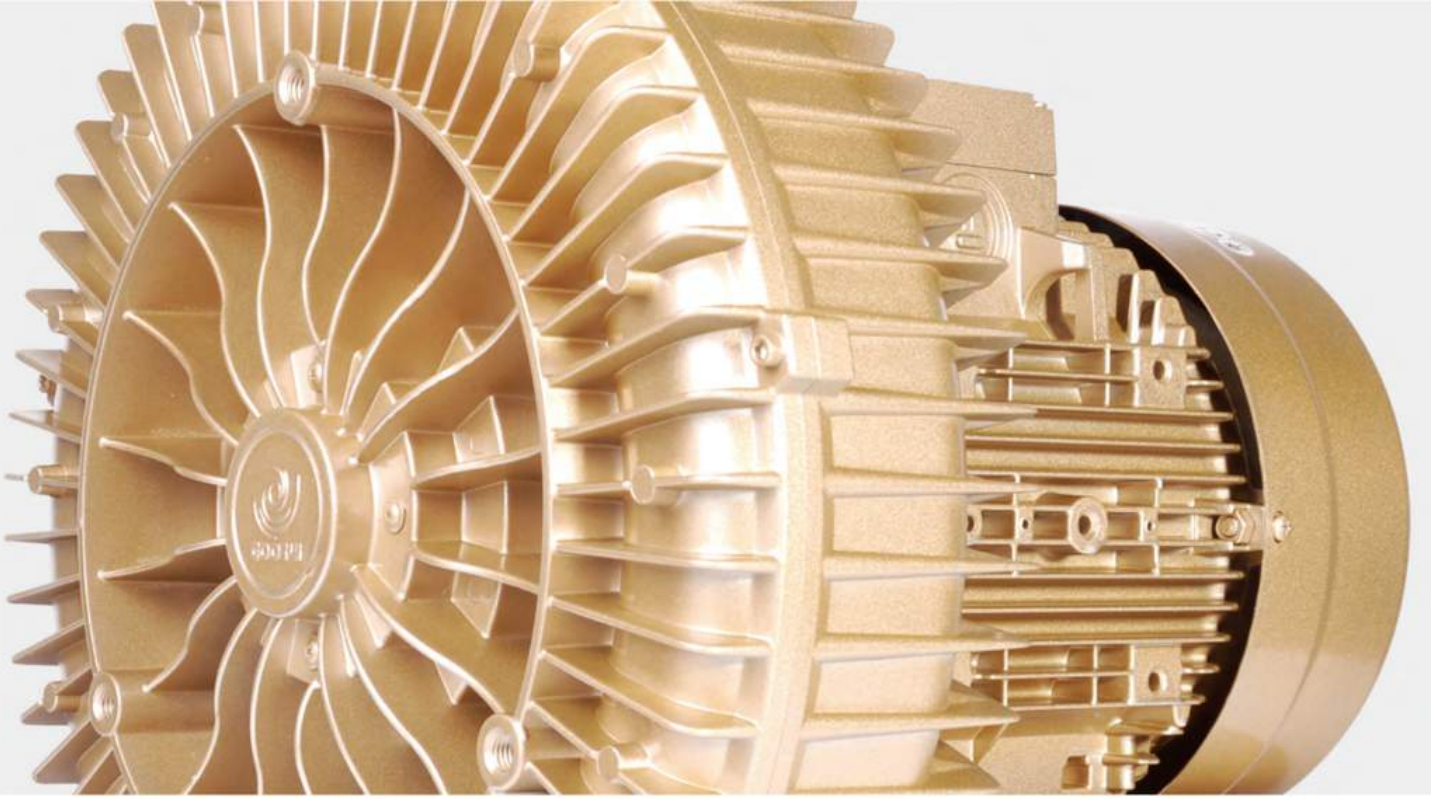

GOORUi

Side Channel Blower

Stock Code:836951

HongKong Fenglisheng Group Company Limited
DongGuan Foersheng Intelligent M&E Co., Ltd.
http://www.goorui.com

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تهران، کیلومتر۲۱ بزرگراه لشگری (جاده مخصوص کرج)
روبروی پالایشگاه نفت پارس، پلاک ۱۲

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Company profile

Dongguan Foersheng Intelligent M&E Co.,ltd. is a global leading supplier providing tailor-made solutions in industrial intelligent transmission field. Adhere to the principles of steady development, continuously innovation, keep openness& cooperation, Foersheng focused on overcoming the technology difficulties in Vacuum pump industry and have provided many competitive tailor-made solutions, products and services in military equipment industry, paper manufacturing industry, environmental equipment industry etc... What's more, we are dedicated in providing more efficient and energetic industrial solutions to create the green industry, green earth. With nearly 100 employees, so far Foersheng has exported its products to more than 40 countries and the products are widely used in thousands of industrial equipments.

On April 28th, 2016, Foersheng became the first enterprise listed into Beijing stock market in vacuum pump industry.Owning trade mark in China and Germany, Dongguan Foersheng Intelligent M&E Co.,ltd has got the certificates of ISO9001, CE, RoHs and the honors of " National High-Tech Enterprise", " Dongguan Energy Saving Company", "Dongguan Patent Cultivating Enterprise"," Dongguan Private High-Tech Enterprise" , " Guangdong Private High-Tech Enterprise" etc...

Goorui, as the main brand of FLS, is originated from Hannover University in Germany in 1933. With the core research&design technology in global vacuum pump industry, Goorui has got nearly 83 production technology patents. By importing the Three-Coordinate measuring machine from Germany, modernized finishing equipment from Germany and Japan, every Goorui blower is competed at one time in CAD assembly line. Goorui help clients to solve the problems in their application by concentrating on overcoming the technical difficulties and creating the R&D system of every specialized blower.

Depends on the professional technology in intelligent transmission industry, Foersheng and its clients make efforts to improve the equipments in filed such as environmental industry, New-energy car industry and electronic information filed to make them become more effective, energy-saving and innovative.

With the spirits of Innovation, Opening, Cooperation and Win-win result, Foersheng and its business partners continuously raise the quality standard and has build a strict quality supervisory system. They keep extend the application of blowers by overcoming the technical difficulties and continuously research &design the high-effective and energy-saving products.

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Development History

In 2002,
HongKong Fenglisheng International Group Company Limited Founded.

In 2007,
Dongguan Foersheng M&E Technology Co.ltd. Established
GOORUI brand created, Goorui single stage products was launched.

In 2008,
Successfully design and produce the ultra high pressure blowers.

In 2009,
Got the ROHS Certificate.

In 2011,
Successfully design and produce the explosion-proof side channel blower.

In 2013,
Got the honor of " National High-Tech Enterprise".

In 2015,
Finished the stock share system reform and officially change the name
to "Dongguan Foersheng Intelligent M&E Co.,ltd".

In 2016,
Listed into Beijing stock market Successfully .(Stock code: 836951)

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MASTER CORE TECHNOLOGY

The high pressure blower, using for Qinghai-Tibet Railway Project

Goorui has combined the German technology with the essence of German culture in it's product, not only embodied in the inner precision structure, but also in the elegant appearance.

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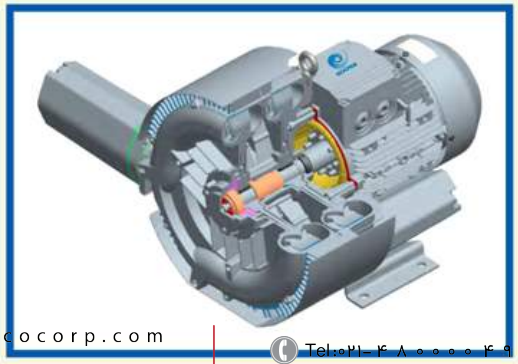
Goorui Blower
GOORUi Since 1933 Germany

[PERFORMANCE]

QUALITY DERIVEDS FROM INSIDE

World-Class brand bearings in use

Stable pressure & air flow Security & Durability



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Goorui Blower
GOORUi Since 1933 Germany

[TEMPERATURE]

CHALLENGE HIGH TEMPERATURE

High temperature is the biggest challenge of blower. Therefore, we always inspected the blower strictly, such as testing the ultimate pressure, continuous load situation and the temperature when working under these situations, to verify and ensure the stable Performance of our blowers.

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Goorui Blower

GOORUi Since 1933 Germany

[APPEARANCE]

Goorui blower are widely used by many famous enterprises like LG Chemical Group, China National Petroleum Corporation, China National Offshore Oil Corporation (CNOOC), Foxconn Technology Group ,Nine Dragons Paper Industries Co.,ltd, Haneng Technology, Yake food, SANY Heavy Industry Co.ltd., Hengan Group , Nongfu Spring Inc., Unilever, Uni-President Enterprises, Cocacola, Pepsi, Yili Industrial Group Co., Ltd., Guangzhou Wanglaoji Pharmaceutical Co., Ltd, Guangdong BBK Electronic Industrial Co.,ltd., Royal Dutch Shell and so on. We also serviced clients include some research institutes and universities such as Chinese Academy of Sciences, Chinese Ministry of Railways, State Oceanic Administration,China Shipbuilding Industry Corporation, Hebei Mechanical Engineering Research Institute, Zhongshan University, Shanghai Jiaotong University, The Air Force Aviation University, Southeastern University, Jilin University, Chongqing University etc...

LG
中国石油
CNOOC
FOXCONN 富士康科技集團
玖龍
漢能科技 HANENG TECHNOLODY
雅客 yake
SANY
恒安集团 HENGAN
Unilever
统一
Coca-Cola
百事可乐
伊利
王老吉
步步高
Shell
中山大學 SUN YAT-SEN UNIVERSITY
上海交通大學 Shanghai Jiao Tong University

Goorui qualification certification

China Trademark Certification of GOORUI

CE Certification

TUV Certification

ISO9001-2001 Certification

SGS Certification

ROHS Certification

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GHBH Single Stage

GHBH Double Stage

GHBG Single Stage

GHBG Double Stage

Applications

- Pneumatic conveying systems
- Vacuum lifting and clamping system
- Packaging and printing equipment
- Bag/bottle/hopper filling system
- Wastewater treatment system
- Air-knife drying
- Food processing system
- Plastic and rubber industry
- Beverage industry
- Timber industry
- Environmental engineering
- Electronics/semiconductor industry
- Pharmaceutical industry
- Hospital and laboratory equipment
- Textile Industry

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Model Introduction

GHB H OD5 34 1R2

- GHB — Goorui High-pressure Blower
- H — high pressure series
- G — ultra high pressure series
- Horse Power (HP)
- D: decimal point
- 5 — housing code: 0~9
- 34 — voltage grade
  - 11:1*110V 12:1*230V
  - 32: △110–115V/Y200–240V
  - 34: △200–240V/Y345–415V
  - 36: △345–415V/Y660–720V
- 1 — 1: single stage; 2: double stage; 3: three stage
- R — Installation
  - R: Random
  - L: Horizontal
  - W: Vertical
- 2 — A: Singel stage with big airflow; B: Double stage with big airflow; C: Single stage with small pressure

Remarks:
Three Phase
Voltage range +5%,
In compliance with UL and CSA 10%/+6%.

Single Phase
Fixed voltages: +5%,
If during continuous operation only 90% of the maximum end pressure is used, the admissible tolerance of voltage increases to ± 10;
In compliance with UL and CSA 10%/+6%.
Frequency: ± 2%.

All the motors comply with the IEC , European norms quoted and many other national norms.

Unit Conversion

Power

Beginning units	Multiply by	To Get
hp	0.746	Kw
Btu/h	293.1	Kw
Kw	1.341	hp
Kw	0.00341	Btu/h

Length

Beginning units	Multiply by	To Get
in.	25.4	mm
in.	0.0254	m
ft	305	mm
ft	0.305	m
m	39.37	in.
m	3.28	ft

Pressure

Beginning units	Multiply by	To Get
Pa	0.01	mbar
hPa	1.0	mbar
Kpa	10.0	mbar
mmH_2O	0.098	mbar
mH_2O	98.07	mbar
at	980.7	mbar
$inchH_2O$	2.491	mbar
PSI lpf/in^2	68.948	mbar
mbar	100	Pa
mbar	10.2	mmH_2O
mbar	0.0102	mH_2O
mbar	0.00102	at
mbar	0.4016	$inchH_2O$
mbar	0.014505	PSI lpf/in^2

Suction capacity

Beginning units	Multiply by	To Get
l/min	0.06	m^3/h
gal/min	0.227	m^3/h
ft^3/min	1.669	m^3/h
m^3/h	16.667	l/min
m^3/h	4.403	gal/min
m^3/h	0.588	ft^3/min

Example
250[inch H2O] *2.491=622.5[mbar]

* Absolute Pressure
The pressure measured from absolute zero,using ideal vacuum as the datum.
The measured pressure is always greater than the reference pressure.

* Gauge Pressure
The pressure measured above the prevailing atmospheric pressure. The datum is the prevailing atmospheric pressure and the measured pressure is always higher than datum.

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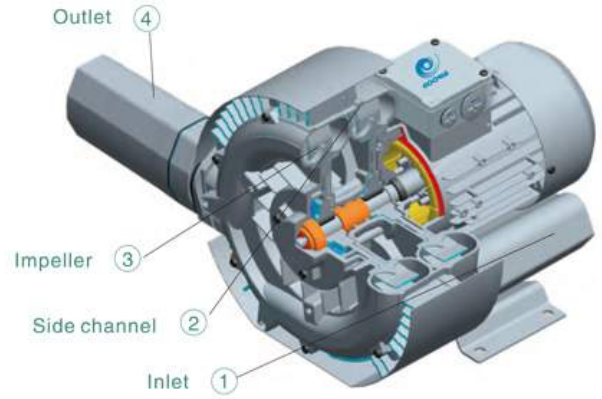
Wide voltage, dual-frequency available all the world

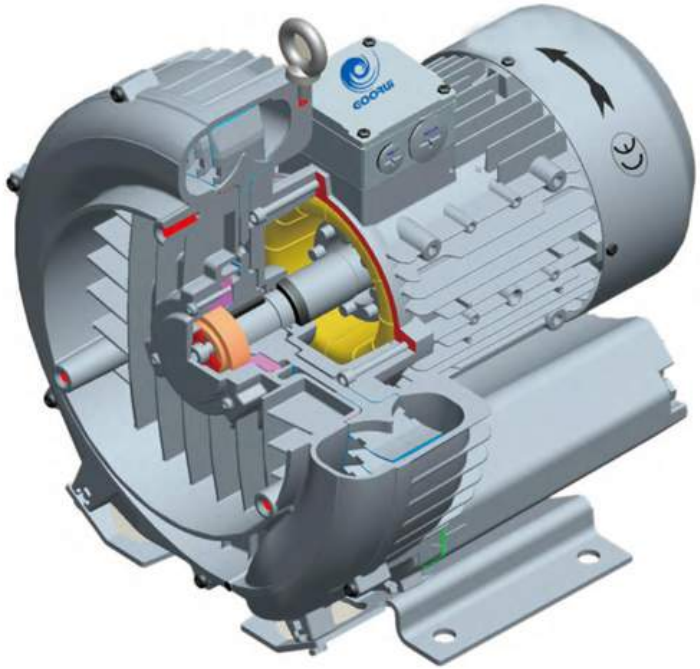
GOORUI high pressure side channel blower adopting wide voltage range dual frequency 50/60Hz, IP54/IP55 (Insulation class F/H), CE,RoHs certificates approved, making them the ideal solution for world wide use. They can be used without any modifications and tests in Europe, America and Asia, etc . They are available to meet your demands at any time .

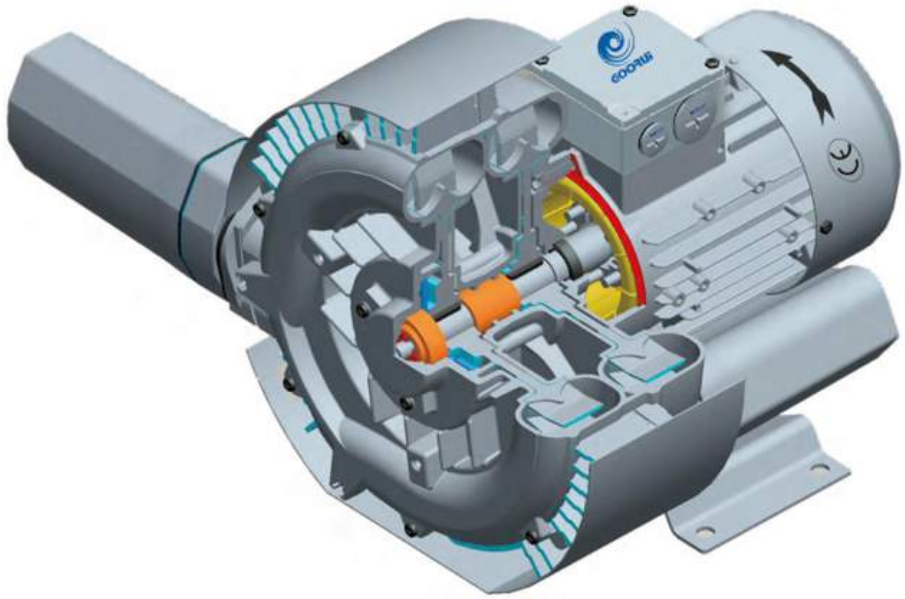
Working principle of Regenerative blower

The impeller of Goorui Regenerative Blower was directly installed to the rotor, compress without contact. The bearing was out of turbine to make sure the stability.
Air gets in through inlet 1, then enters side channel 2, impeller will push the air under high speed. Meanwhile, centrifugalization makes the air speed outward and pressure rises. Air power increase under rotating, and the pressure rises further. At last, air gets out from outlet 4.



GHBH Single and double stage





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CLASSICS WITH INNOVATIVE TECHNOLOGY

With high air flow to 2500m3/h and differential pressure to 1000mbar, Goorui blower has won high reputation and convinced users worldwide. Goorui blower is the priority choice in the blower industrial because of it's high stability, free maintenance and long service time.When equipped with *Frequency converter, the performance of Goorui GHBH series high pressure blower can be greatly improved.*
Goorui blower has passed CE,RoHs which can be used worldwide.
GHBH model selection chart
Vacuum suction and Pressure discharge type 50Hz/60Hz, please refer to page 05-22

GHBH series

Specification for pressure & vacuum operation.

Single-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 0D5 12 1R2	50	0.4	200–240	2.7	11	53	80	–110	110	RVG1.2/MF–10
	60	0.5	220–275	3.2		56	98	–130	140	RVG1.2/MF–10
GHBH 0D5 12 AR2	50	0.4	200–240	2.7	12	53	100	–110	110	RVG1.2/MF–10
	60	0.5	220–275	3.2		56	120	–130	140	RVG1.2/MF–10
GHBH 001 12 2R2	50	0.7	200–240	4.5	15	55	88	–210	240	RVG1.2/MF–10
	60	0.83	220–275	5.6		61	103	–250	250	RVG1.2/MF–10
GHBH D73 12 1R3	50	0.55	200–240	3.7	13	55	100	–120	120	RVG1.2/MF–10
	60	0.62	220–275	4.5		57	120	–130	150	RVG1.2/MF–10
GHBH 001 12 1R3	50	0.7	200–240	4.8	14	55	100	–150	150	RVG1.2/MF–10
	60	0.83	220–275	4.1		57	120	–150	160	RVG1.2/MF–10
GHBH 1D7 12 2R3	50	1.3	200–240	7.3	17	58	120	–240	280	RVG1.2/MF–10
	60	1.5	220–275	8.3		60	145	–230	260	RVG1.2/MF–10
GHBH 1D2 12 1R4	50	0.8	200–240	5.2	15	63	145	–150	160	RVG1.2/MF–12
	60	0.9	220–275	5.8		64	175	–160	140	RVG1.2/MF–12
GHBH 1D7 12 1R4	50	1.3	200–240	7.3	16	63	145	–150	190	RVG1.2/MF–12
	60	1.5	220–275	8.3		64	175	–180	190	RVG1.2/MF–12
GHBH 002 12 2R4	50	1.5	200–240	9.0	26	66	150	–280	290	RVG1.2/MF–12
	60	1.75	220–275	10.0		69	180	–250	280	RVG1.2/MF–12
GHBH 1D2 12 AR4	50	0.85	200–240	5.2	16	64	180	–100	110	RVG1.2/MF–12
	60	0.95	220–275	5.8		66	210	–100	110	RVG1.2/MF–12
GHBH 1D7 12 AR4	50	1.3	200–240	7.3	17	64	180	–170	210	RVG1.2/MF–12
	60	1.5	220–275	8.3		66	210	–145	145	RVG1.2/MF–12
GHBH 1D7 12 1R5	50	1.3	200–240	7.3	21	64	210	–160	160	RVG1.2/MF–16
	60	1.5	220–275	8.3		70	255	–150	160	RVG1.2/MF–16
GHBH 002 12 1R5	50	1.5	200–240	9.0	24	64	210	–190	200	RVG1.2/MF–16
	60	1.75	220–275	10.0		70	255	–180	180	RVG1.2/MF–16
GHBH 002 12 AR5	50	1.5	200–240	9.0	26	65	270	–140	120	RVG1.2/MF–16
	60	1.75	220–275	10.0		71	330	–110	100	RVG1.2/MF–16
GHBH 003 12 1R7	50	2.2	200–240	12.8	30	72	318	–190	190	RVG1.2/MF–16
	60	2.55	220–275	12.8		74	376	–190	200	RVG1.2/MF–16

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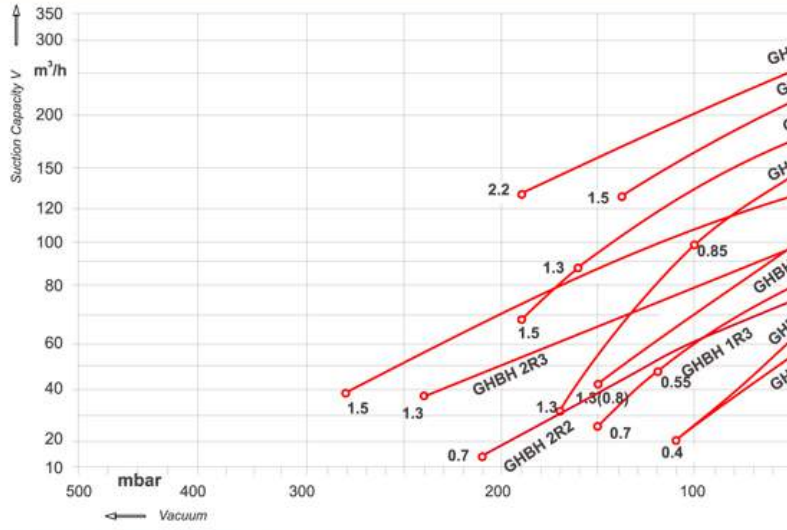
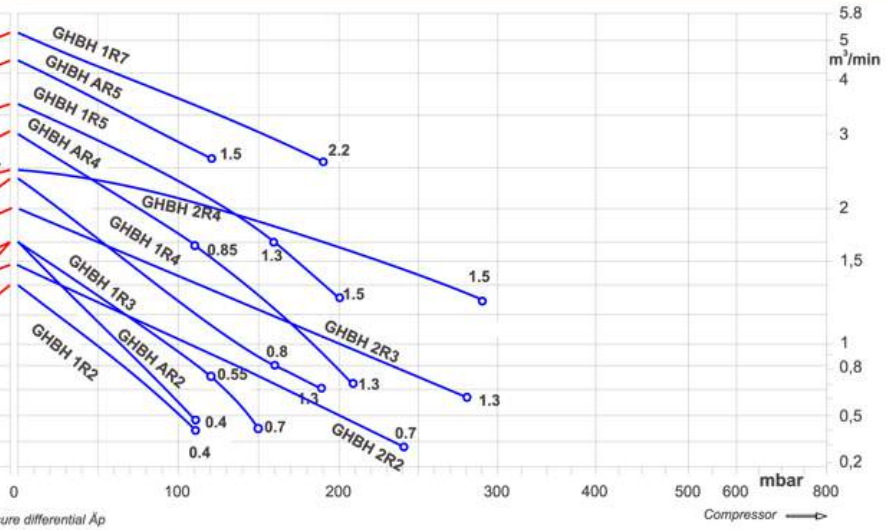
GHBH Series performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

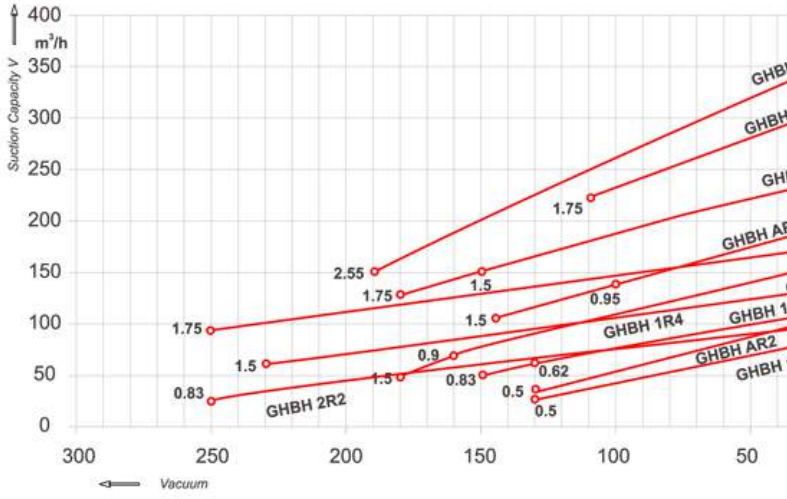
Vacuum Selection Diagram 50Hz



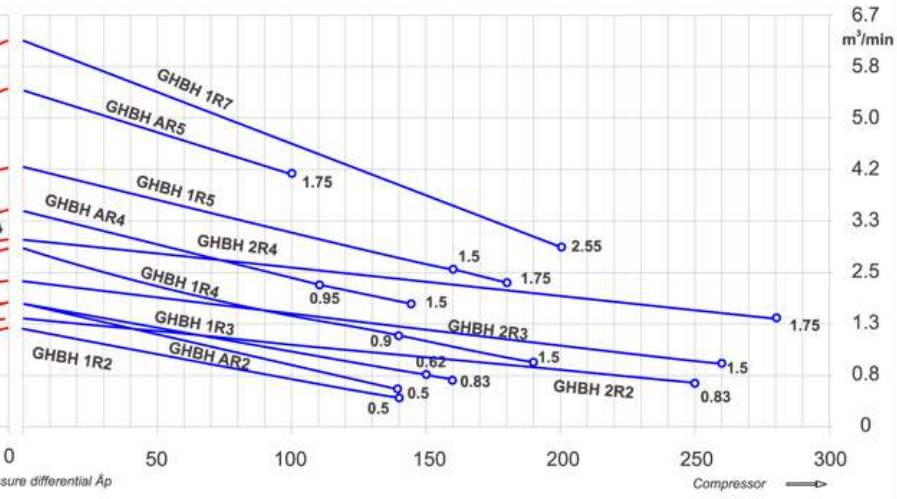
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 2

Specification for pressure & vacuum operation.

Three-phase motor

MOTOR					Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
Model	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 0D5 34 1R2	50	0.4	200-240Δ/345-415Y	2.6Δ/1.5Y	10	53	80	-120	130	RVG1.2/MF-10
	60	0.5	220-275Δ/380-480Y	2.6Δ/1.5Y		56	98	-150	160	RVG1.2/MF-10
GHBH 001 34 2R2	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	14	55	88	-210	240	RVG1.2/MF-10
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		61	103	-250	250	RVG1.2/MF-10
GHBH 0D5 34 AR2	50	0.4	200-240Δ/345-415Y	2.6Δ/1.5Y	10	54	105	-120	130	RVG1.2/MF-10
	60	0.5	220-275Δ/380-480Y	2.6Δ/1.5Y		57	120	-150	160	RVG1.2/MF-10
GHBH 001 34 AR2	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	11	54	105	-120	140	RVG1.2/MF-10
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		57	120	-160	180	RVG1.2/MF-10

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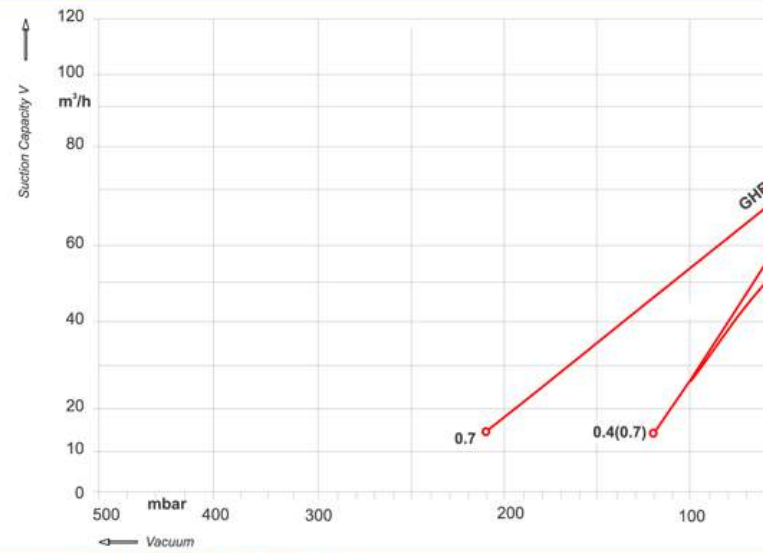
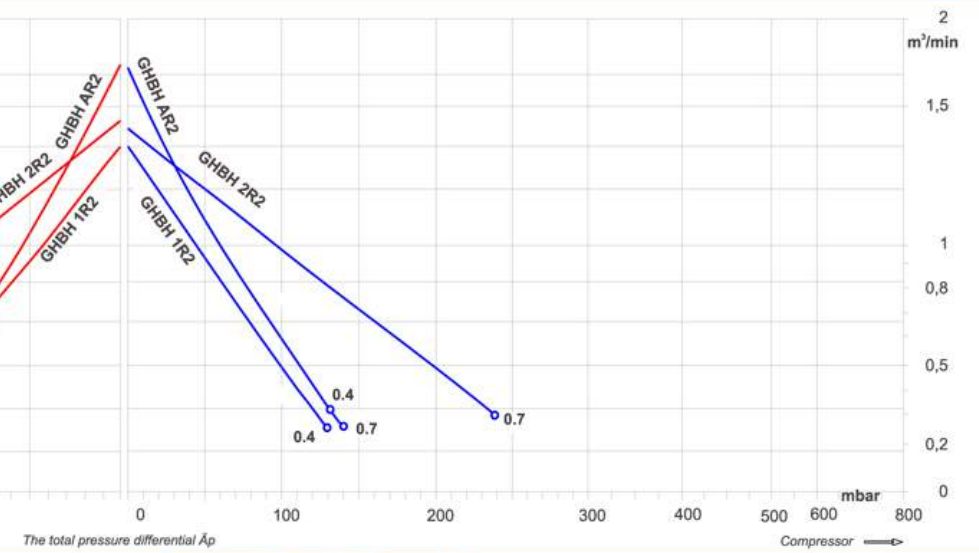
GHBH Series 2 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

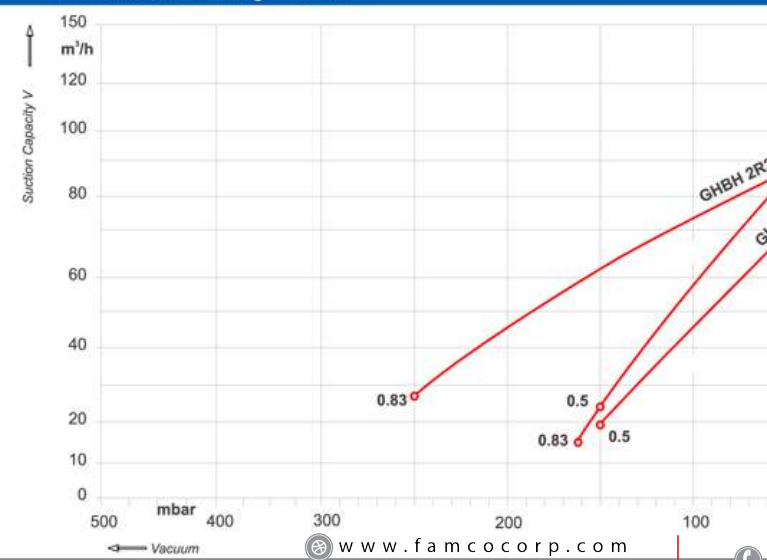
Vacuum Selection Diagram 50Hz



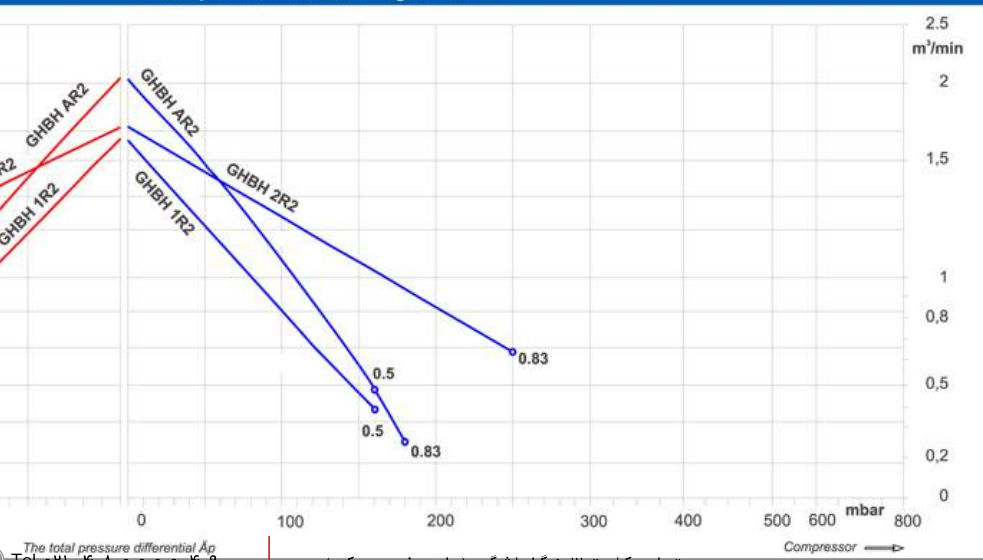
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 3

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH D73 34 1R3	50	0.55	200-240Δ/345-415Y	2.8Δ/1.6Y	12	55	110	-110	120	RVG1.2/MF-10
	60	0.63	220-275Δ/380-480Y	3.0Δ/1.7Y		58	140	-110	120	RVG1.2/MF-10
GHBH 001 34 1R3	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	13	55	110	-150	150	RVG1.2/MF-10
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		58	140	-150	140	RVG1.2/MF-10
GHBH 1D2 34 2R3	50	0.85	200-240Δ/345-415Y	4.2Δ/2.4Y	17	58	110	-200	230	RVG1.2/MF-10
	60	0.95	220-275Δ/380-480Y	4.0Δ/2.3Y		60	130	-240	240	RVG1.2/MF-10
GHBH 1D7 34 2R3	50	1.3	200-240Δ/345-415Y	5.7Δ/3.3Y	18	58	110	-280	290	RVG1.2/MF-10
	60	1.5	220-275Δ/380-480Y	5.7Δ/3.3Y		60	130	-300	400	RVG1.2/MF-10
GHBH D73 34 AR3	50	0.55	200-240Δ/345-415Y	2.8Δ/1.6Y	13	56	140	-60	60	RVG1.2/MF-10
	60	0.63	220-275Δ/380-480Y	3.0Δ/1.7Y		58	165	-50	50	RVG1.2/MF-10
GHBH 001 34 AR3	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	14	56	140	-100	100	RVG1.2/MF-10
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		58	165	-110	100	RVG1.2/MF-10

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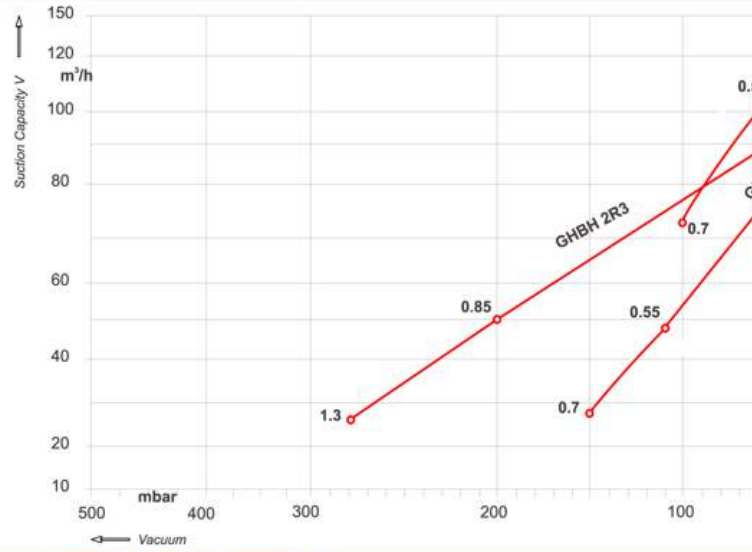
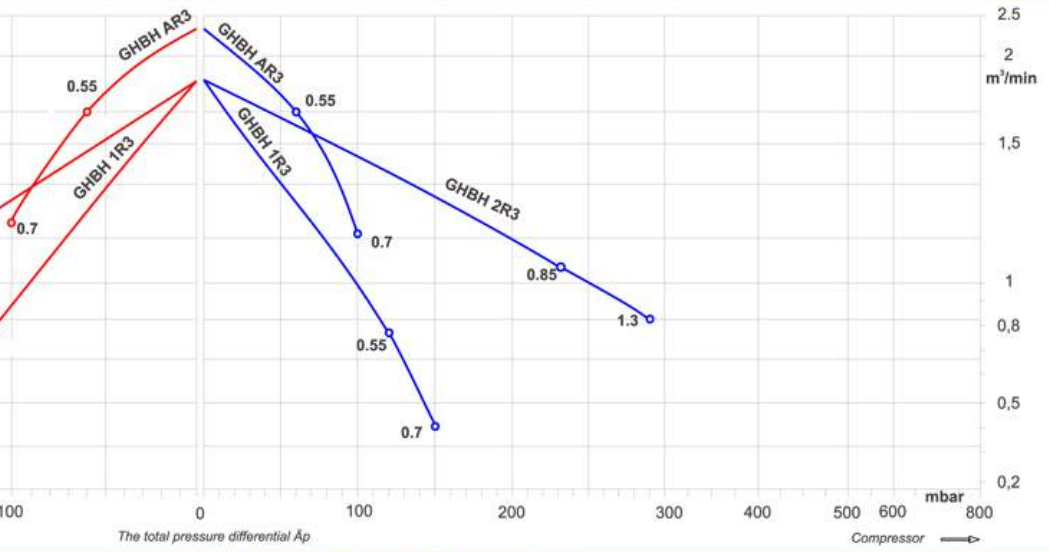
GHBH Series 3 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

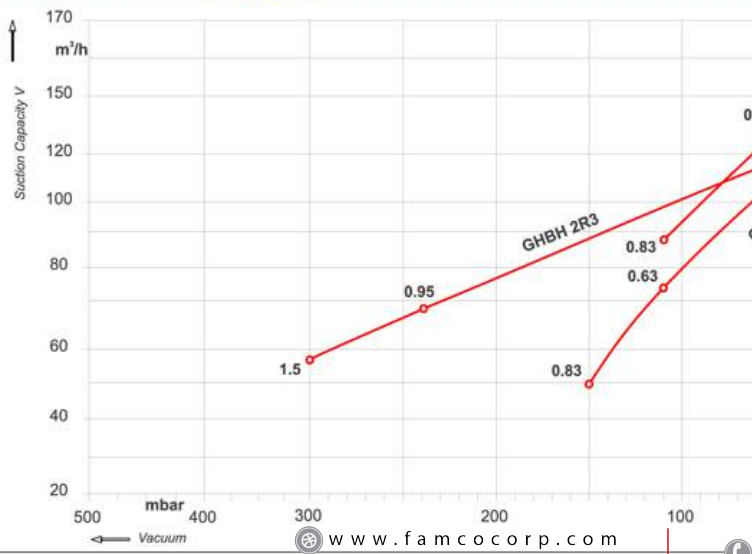
Vacuum Selection Diagram 50Hz



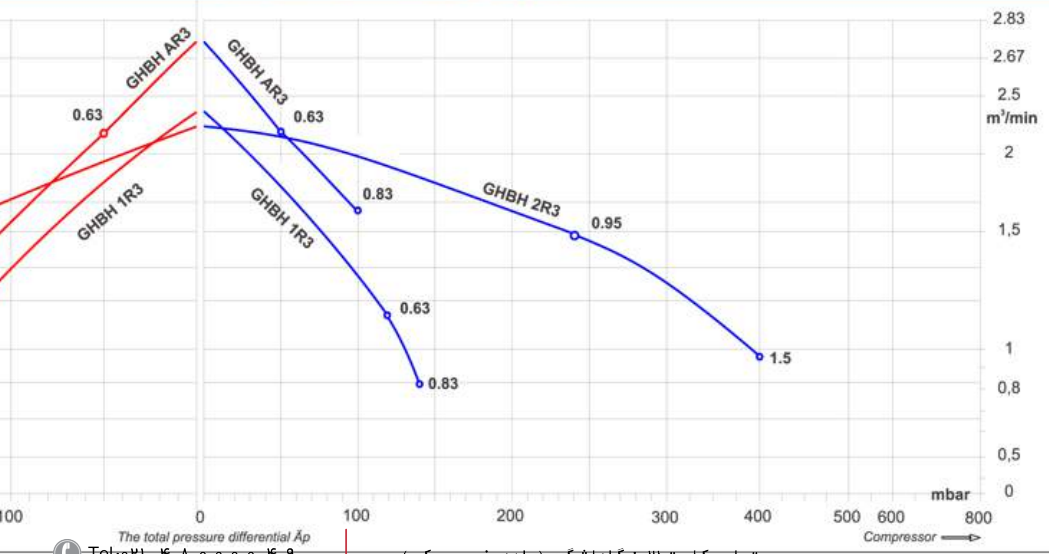
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 4

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 001 34 1R4	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	13	63	145	-120	120	RVG1.2/MF-12
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		64	175	-130	130	RVG1.2/MF-12
GHBH 1D2 34 1R4	50	0.85	200-240Δ/345-415Y	4.2Δ/2.4Y	15	63	145	-160	160	RVG1.2/MF-12
	60	0.95	220-275Δ/380-480Y	4.0Δ/2.3Y		64	175	-160	160	RVG1.2/MF-12
GHBH 1D7 34 1R4	50	1.3	200-240Δ/345-415Y	5.7Δ/3.3Y	16	63	145	-170	200	RVG1.2/MF-12
	60	1.5	220-275Δ/380-480Y	5.7Δ/3.3Y		64	175	-210	220	RVG1.2/MF-12
GHBH 002 34 2R4	50	1.6	200-240Δ/345-415Y	7.5Δ/4.3Y	24	66	150	-280	280	RVG1.2/MF-12
	60	2.05	220-275Δ/380-480Y	7.6Δ/4.4Y		69	180	-320	310	RVG1.2/MF-12
GHBH 003 34 2R4	50	2.2	200-240Δ/345-415Y	9.7Δ/5.6Y	27	66	150	-330	420	RVG1.2/MF-12
	60	2.55	220-275Δ/380-480Y	10.0Δ/5.8Y		69	180	-350	440	RVG1.2/MF-12
GHBH 001 34 AR4	50	0.7	200-240Δ/345-415Y	3.8Δ/2.2Y	14	64	180	-70	70	RVG1.2/MF-12
	60	0.83	220-275Δ/380-480Y	3.75Δ/2.15Y		65	210	-50	50	RVG1.2/MF-12
GHBH 1D2 34 AR4	50	0.85	200-240Δ/345-415Y	4.2Δ/2.4Y	16	64	180	-110	100	RVG1.2/MF-12
	60	0.95	220-275Δ/380-480Y	4.0Δ/2.3Y		65	210	-90	70	RVG1.2/MF-12
GHBH 1D7 34 AR4	50	1.3	200-240Δ/345-415Y	5.7Δ/3.3Y	17	64	180	-180	180	RVG1.2/MF-12
	60	1.5	220-275Δ/380-480Y	5.7Δ/3.3Y		65	210	-180	170	RVG1.2/MF-12
GHBH D73 34 CR4	50	0.6	200-240Δ/345-415Y	2.8Δ/1.6Y	14	63	145	-120	120	RVG1.2/MF-12
	60	0.85	220-275Δ/380-480Y	3.6Δ/2.1Y		64	175	-140	140	RVG1.2/MF-12

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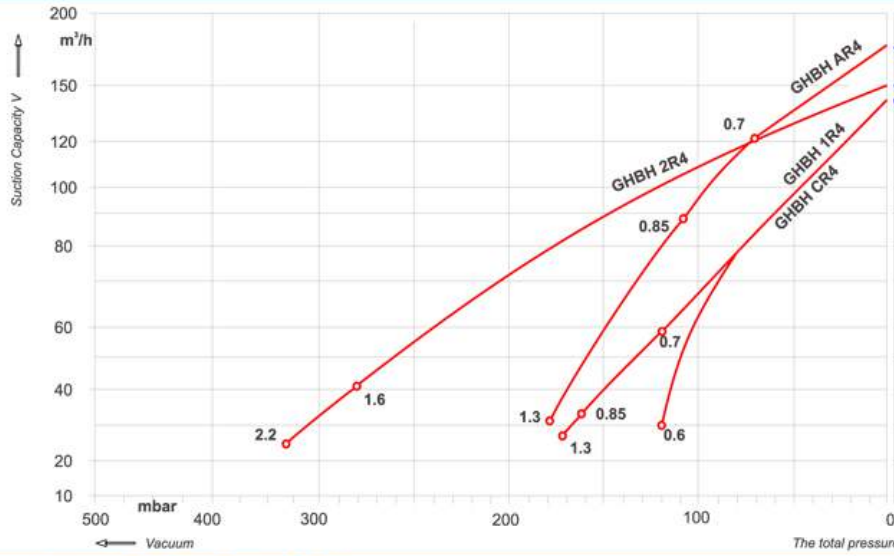
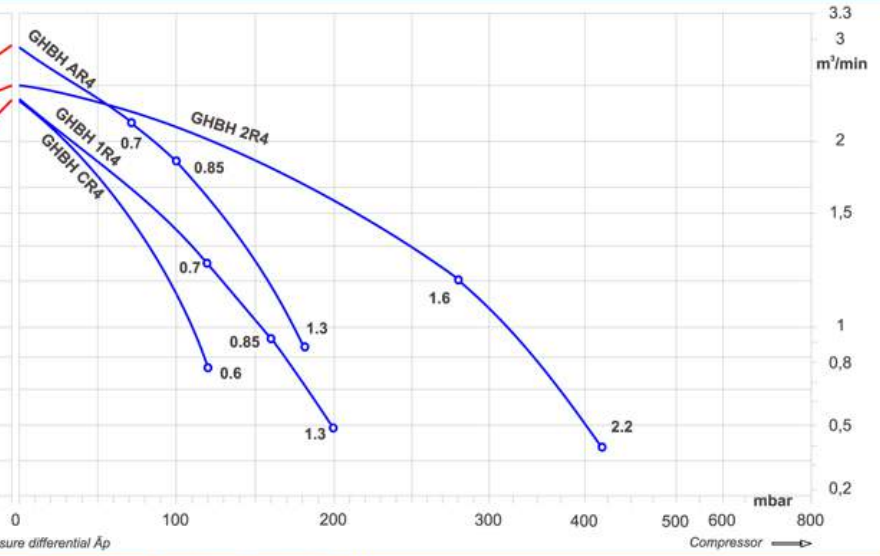
GHBH Series 4 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

Vacuum Selection Diagram 50Hz

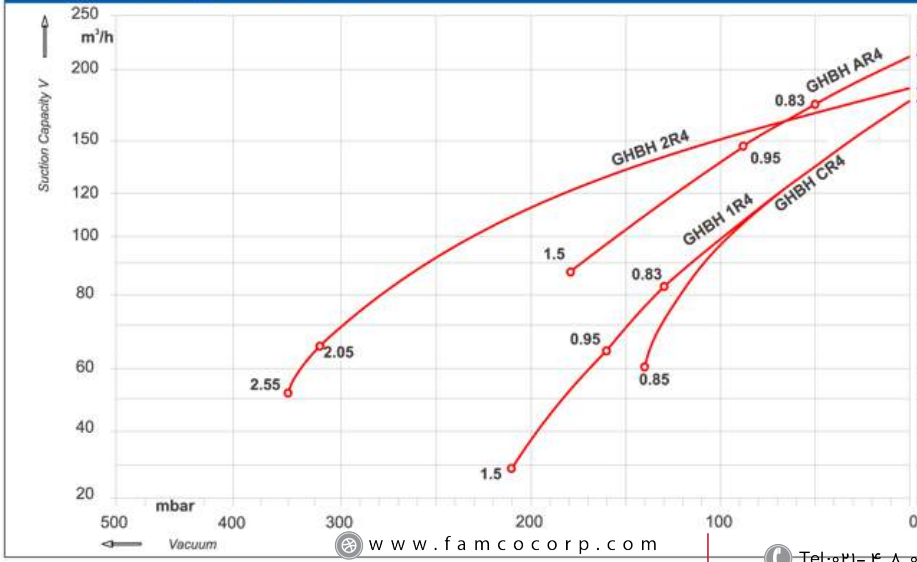


Compressor Selection Diagram 50Hz

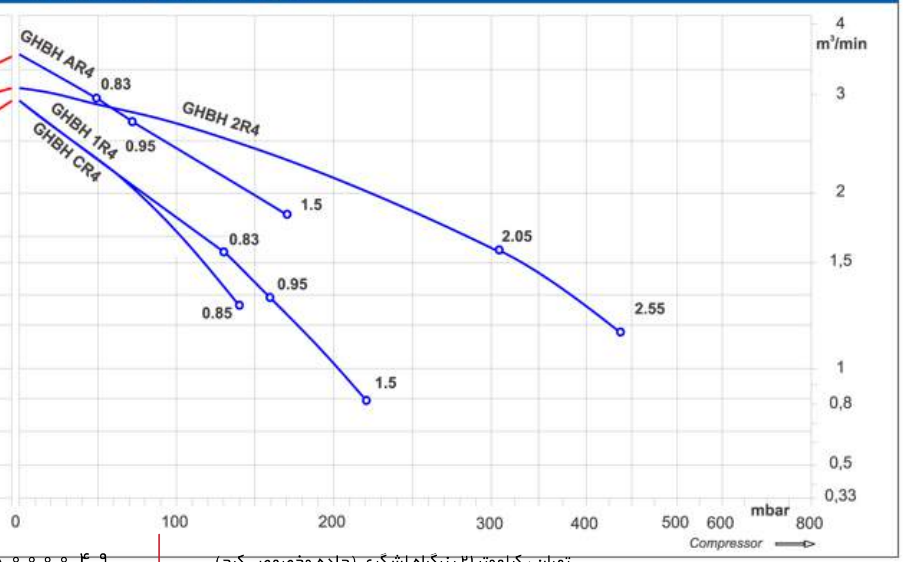


The total pressure differential Δp

Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 5

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 1D2 34 1R5	50	0.85	200-240Δ/345-415Y	4.2Δ/2.4Y	18	64	210	-110	100	RVG1.2/MF-16
	60	0.95	220-275Δ/380-480Y	4.0Δ/2.3Y		70	255	-80	70	RVG1.2/MF-16
GHBH 1D7 34 1R5	50	1.3	200-240Δ/345-415Y	5.7Δ/3.3Y	20	64	210	-170	170	RVG1.2/MF-16
	60	1.5	220-275Δ/380-480Y	5.7Δ/3.3Y		70	255	-150	140	RVG1.2/MF-16
GHBH 002 34 1R5	50	1.6	200-240Δ/345-415Y	7.5Δ/4.3Y	21	64	210	-200	190	RVG1.2/MF-16
	60	2.05	220-275Δ/380-480Y	7.6Δ/4.4Y		70	255	-220	210	RVG1.2/MF-16
GHBH 003 34 1R5	50	2.2	200-240Δ/345-415Y	9.7Δ/5.6Y	25	64	210	-220	270	RVG1.2/MF-16
	60	2.55	220-275Δ/380-480Y	10.3Δ/6.0Y		70	255	-260	290	RVG1.2/MF-16
GHBH 004 34 2R5	50	3.0	200-240Δ/345-415Y	12.5Δ/7.2Y	39	72	230	-340	410	RVG1.2/MF-16
	60	3.45	220-275Δ/380-480Y	12.5Δ/7.3Y		74	275	-380	360	RVG1.2/MF-16
GHBH 5D5 36 2R5	50	4.0	345-415Δ/600-690Y	9.5Δ/5.5Y	43	72	230	-390	440	RVG1.2/MF-16
	60	4.6	380-480Δ/660-720Y	9.5Δ/5.5Y		74	275	-410	480	RVG1.2/MF-16
GHBH 1D2 34 AR5	50	0.85	200-240Δ/345-415Y	4.2Δ/2.4Y	19	65	270	-40	40	RVG1.2/MF-16
	60	0.95	220-275Δ/380-480Y	4.0Δ/2.3Y		71	330	-40	40	RVG1.2/MF-16
GHBH 1D7 34 AR5	50	1.3	200-240Δ/345-415Y	5.7Δ/3.3Y	21	65	270	-120	110	RVG1.2/MF-16
	60	1.5	220-275Δ/380-480Y	5.7Δ/3.3Y		71	330	-90	80	RVG1.2/MF-16
GHBH 002 34 AR5	50	1.6	200-240Δ/345-415Y	7.5Δ/4.3Y	22	65	270	-160	150	RVG1.2/MF-16
	60	2.05	220-275Δ/380-480Y	7.6Δ/4.4Y		71	330	-160	150	RVG1.2/MF-16
GHBH 003 34 AR5	50	2.2	200-240Δ/345-415Y	9.7Δ/5.6Y	26	65	270	-220	230	RVG1.2/MF-16
	60	2.55	220-275Δ/380-480Y	10.3Δ/6.0Y		71	330	-260	250	RVG1.2/MF-16
GHBH 1D7 34 CR5	50	1.1	200-240Δ/345-415Y	5.7Δ/3.3Y	23	64	210	-130	150	RVG1.2/MF-16
	60	1.7	220-275Δ/380-480Y	6.0Δ/3.5Y		70	255	-180	210	RVG1.2/MF-16

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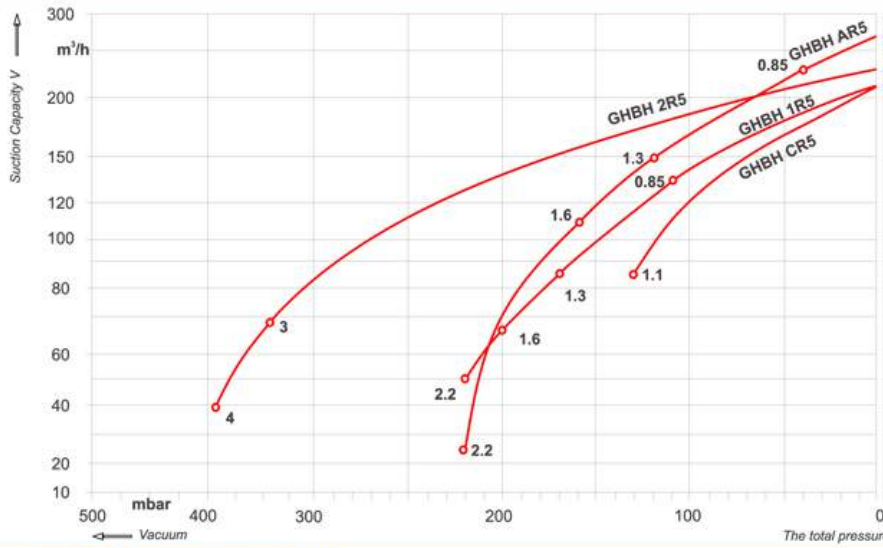
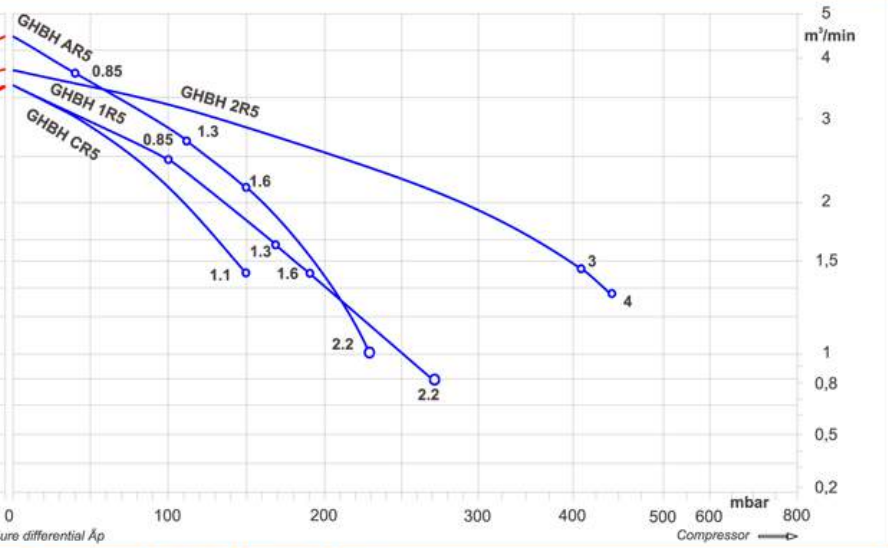
GHBH Series 5 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

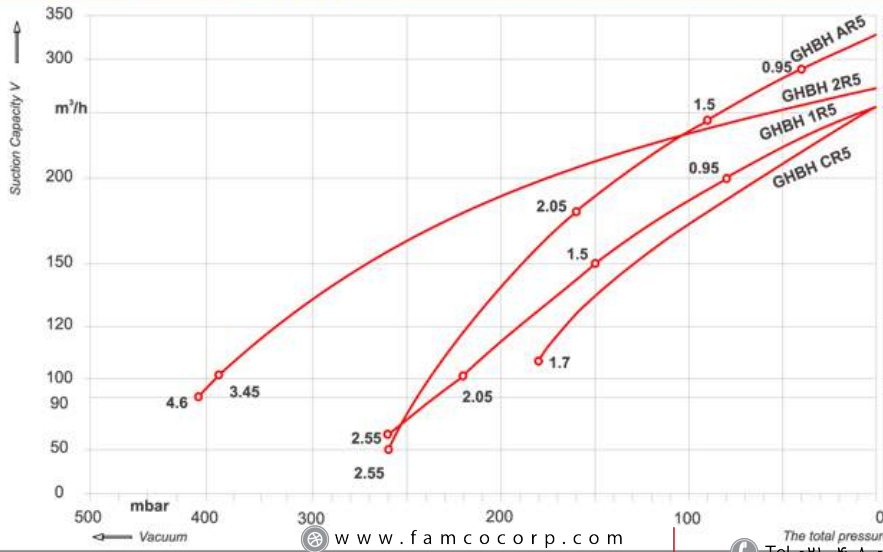
Vacuum Selection Diagram 50Hz



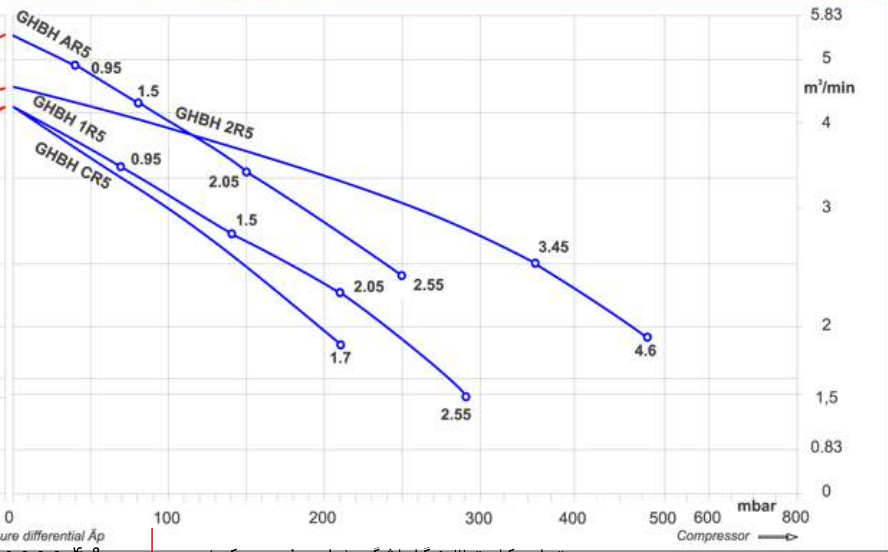
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 6

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 002 34 1R6	50	1.6	200-240Δ/345-415Y	8.5Δ/4.9Y	24	65	265	-170	180	RVG1.2/MF-16
	60	2.05	220-275Δ/380-480Y	8.8Δ/5.1Y		71	315	-180	190	RVG1.2/MF-16
GHBH 003 34 1R6	50	2.2	200-240Δ/345-415Y	9.7Δ/5.6Y	27	65	265	-235	220	RVG1.2/MF-16
	60	2.55	220-275Δ/380-480Y	10.0Δ/5.8Y		71	315	-245	230	RVG1.2/MF-16
GHBH 004 34 1R6	50	3.0	200-240Δ/345-415Y	12.5Δ/7.2Y	32	65	265	-280	280	RVG1.2/MF-16
	60	3.45	220-275Δ/380-480Y	12.5Δ/7.3Y		71	315	-260	270	RVG1.2/MF-16
GHBH 002 34 AR6	50	1.6	200-240Δ/345-415Y	8.5Δ/4.9Y	24	65	345	-125	125	RVG1.2/MF-16
	60	2.05	220-275Δ/380-480Y	8.8Δ/5.1Y		71	415	-105	130	RVG1.2/MF-16
GHBH 003 34 AR6	50	2.2	200-240Δ/345-415Y	9.7Δ/5.6Y	27	65	345	-200	195	RVG1.2/MF-16
	60	2.55	220-275Δ/380-480Y	10.0Δ/5.8Y		71	415	-170	195	RVG1.2/MF-16
GHBH 004 34 AR6	50	3.0	200-240Δ/345-415Y	12.5Δ/7.2Y	35	65	345	-240	220	RVG1.2/MF-16
	60	3.45	220-275Δ/380-480Y	12.6Δ/7.3Y		71	415	-210	220	RVG1.2/MF-16

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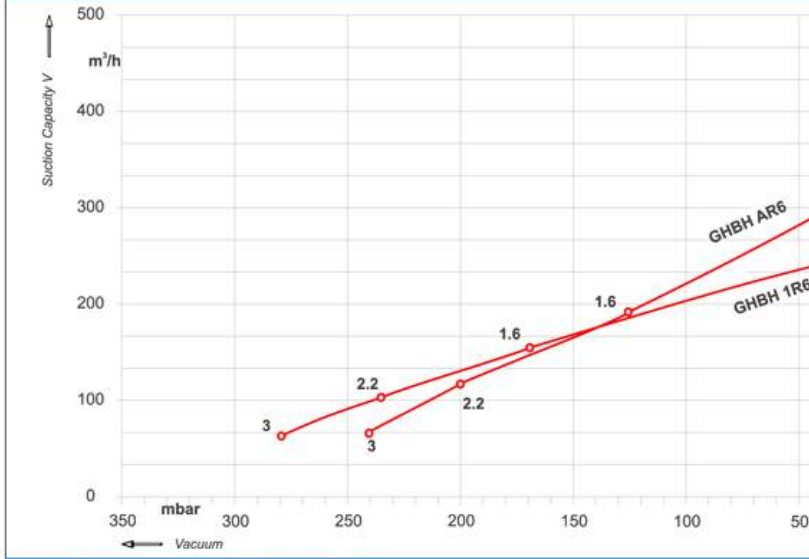
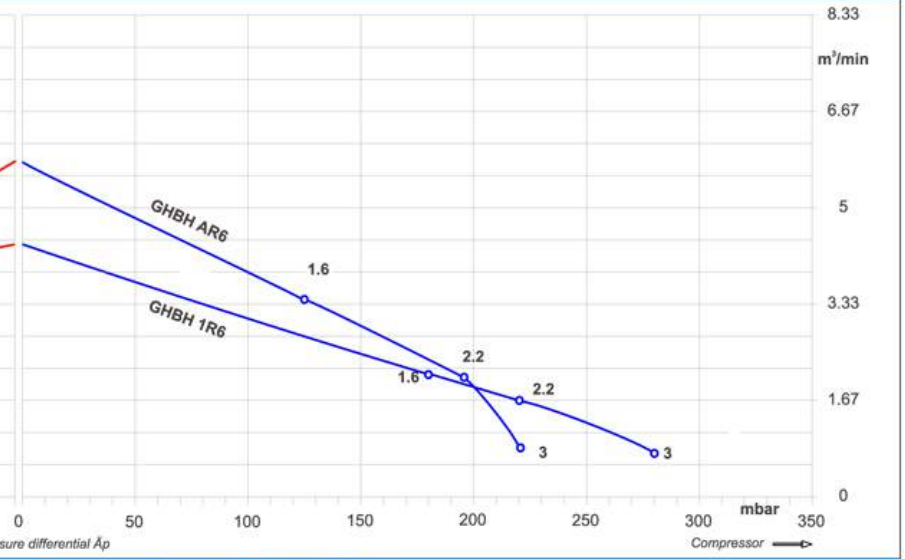
GHBH Series 6 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

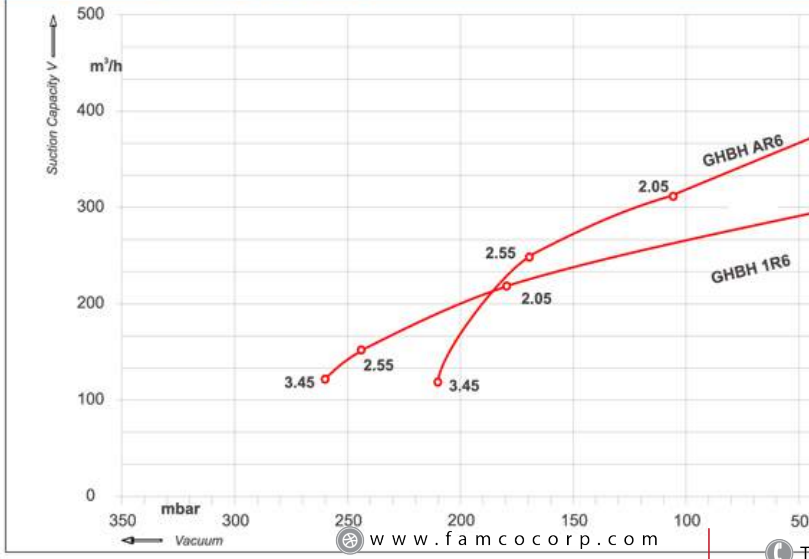
Vacuum Selection Diagram 50Hz



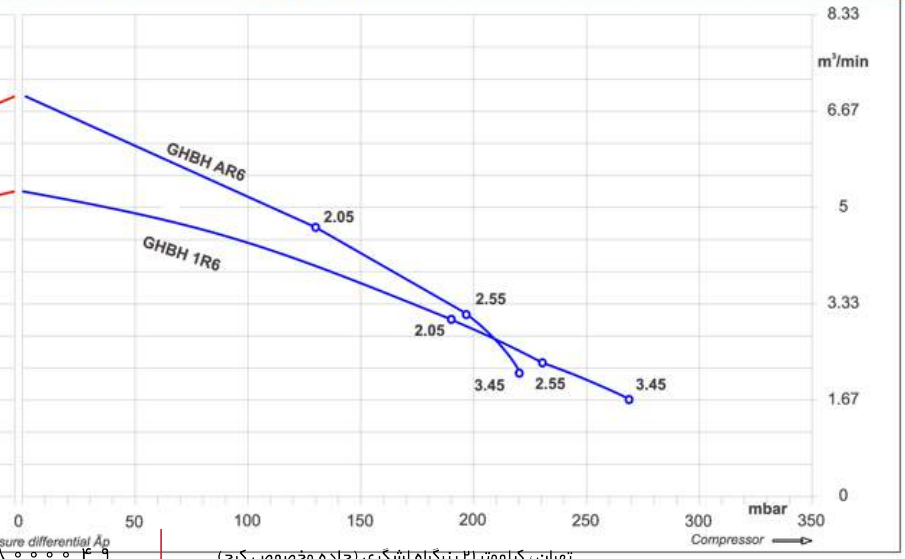
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 7

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 002 34 1R7	50 60	1.6 2.05	200-240Δ/345-415Y 220-275Δ/380-480Y	8.5Δ/4.9Y 8.8Δ/5.1Y	26	69 72	318 376	-160 -160	150 150	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 003 34 1R7	50 60	2.2 2.55	200-240Δ/345-415Y 220-275Δ/380-480Y	9.7Δ/5.6Y 10.0Δ/5.8Y	29	69 72	318 376	-190 -190	190 190	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 004 34 1R7	50 60	3.0 3.45	200-240Δ/345-415Y 220-275Δ/380-480Y	12.5Δ/7.2Y 12.5Δ/7.3Y	34	69 72	318 376	-260 -240	270 230	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 5D5 36 1R7	50 60	4.0 4.6	345-415Δ/600-690Y 380-480Δ/660-720Y	9.5Δ/5.5Y 9.5Δ/5.5Y	42	69 72	318 376	-290 -320	360 310	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 003 34 2R7	50 60	2.2 2.55	200-240Δ/345-415Y 220-275Δ/380-480Y	9.7Δ/5.6Y 10.0Δ/5.8Y	42	73 76	320 385	-200 -170	190 150	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 004 34 2R7	50 60	3.0 3.45	200-240Δ/345-415Y 220-275Δ/380-480Y	12.5Δ/7.2Y 12.5Δ/7.3Y	47	73 76	320 385	-280 -230	260 200	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 5D7 36 2R7	50 60	4.3 4.6	345-415Δ/600-690Y 380-480Δ/660-720Y	10.0Δ/5.8Y 10.4Δ/6.0Y	53	73 76	320 385	-360 -350	380 320	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 7D5 36 2R7	50 60	5.5 6.3	345-415Δ/600-690Y 380-480Δ/660-720Y	13.3Δ/7.7Y 13.3Δ/7.7Y	70	73 76	320 385	-440 -440	500 500	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 010 36 2R7	50 60	7.5 8.6	345-415Δ/600-690Y 380-480Δ/660-720Y	16.7Δ/9.6Y 17.3Δ/10.0Y	77	73 76	320 385	-440 -460	570 660	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 002 34 AR7	50 60	1.6 2.05	200-240Δ/345-415Y 220-275Δ/380-480Y	8.5Δ/4.9Y 8.8Δ/5.1Y	29	70 73	420 500	-100 -110	100 100	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 003 34 AR7	50 60	2.2 2.55	200-240Δ/345-415Y 220-275Δ/380-480Y	9.7Δ/5.6Y 10.0Δ/5.8Y	32	70 73	420 500	-180 -160	170 150	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 004 34 AR7	50 60	3.0 3.45	200-240Δ/345-415Y 220-275Δ/380-480Y	12.5Δ/7.2Y 12.5Δ/7.3Y	37	70 73	420 500	-220 -200	200 170	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 5D5 36 AR7	50 60	4.0 4.6	345-415Δ/600-690Y 380-480Δ/660-720Y	9.5Δ/5.5Y 9.5Δ/5.5Y	43	70 73	420 500	-260 -260	290 280	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 5D7 36 BR7	50 60	4.3 4.6	345-415Δ/600-690Y 380-480Δ/660-720Y	9.5Δ/5.5Y 9.5Δ/5.5Y	54	74 78	500 600	-150 -100	140 90	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 7D5 36 BR7	50 60	5.5 6.3	345-415Δ/600-690Y 380-480Δ/660-720Y	13.3Δ/7.7Y 13.3Δ/7.7Y	69	74 78	500 600	-240 -210	260 200	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 010 36 BR7	50 60	7.5 8.6	345-415Δ/600-690Y 380-480Δ/660-720Y	16.7Δ/9.6Y 17.3Δ/10.0Y	75	74 78	500 600	-240 -270	320 300	RVG1.2/MF-16 RVG1.2/MF-16
GHBH 003 34 CR7	50 60	2.2 3.45	200-240Δ/345-415Y 220-275Δ/380-480Y	12.5Δ/7.2Y 12.6Δ/7.3Y	36	69 72	320 370	-160 -240	200 250	RVG1.2/MF-16 RVG1.2/MF-16

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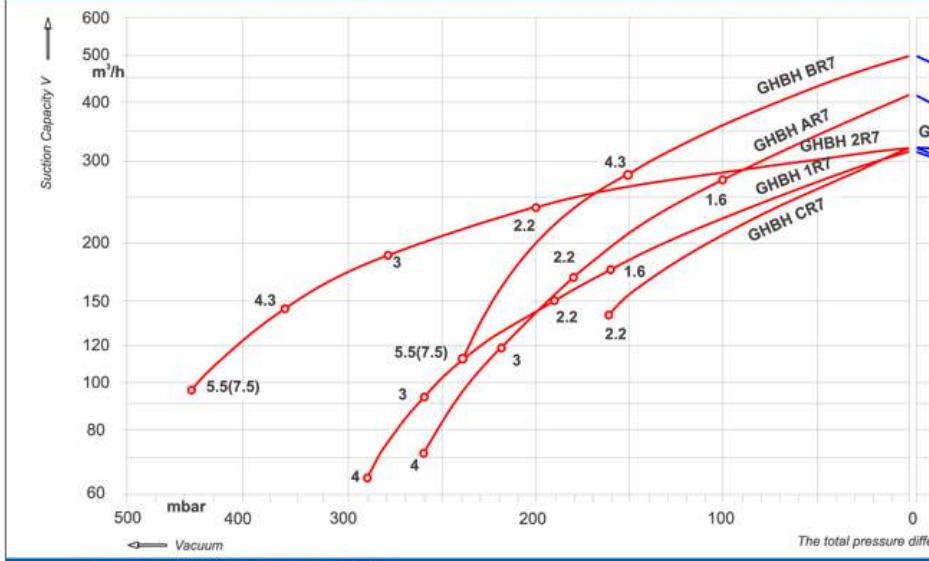
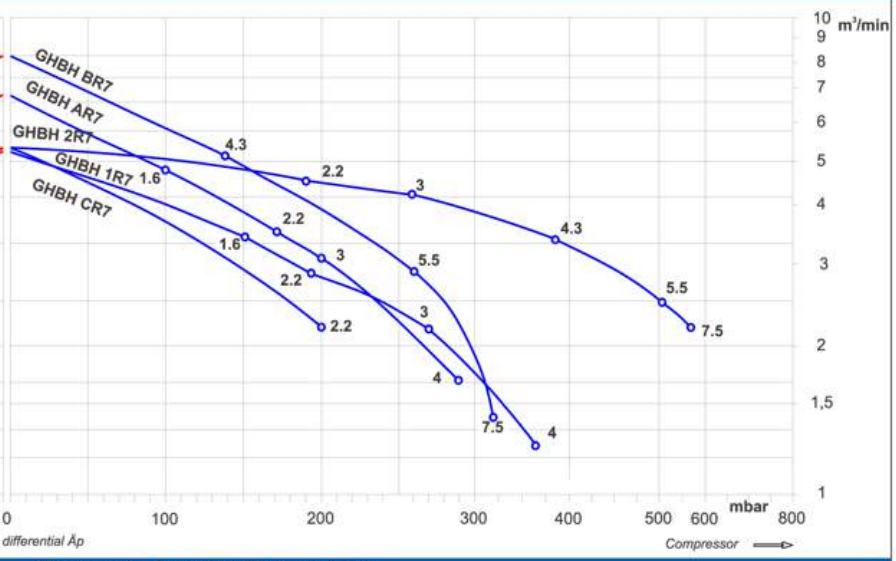
GHBH Series 7 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

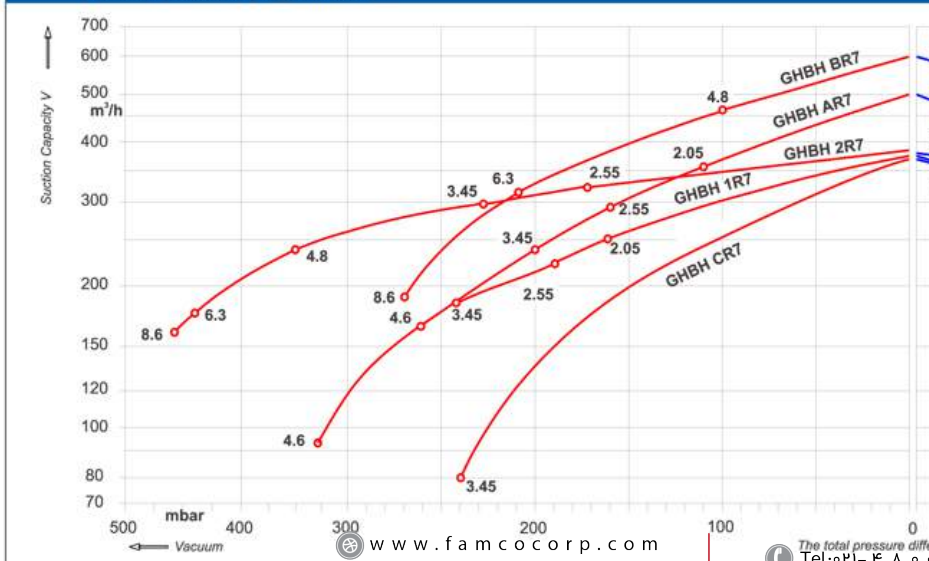
Vacuum Selection Diagram 50Hz



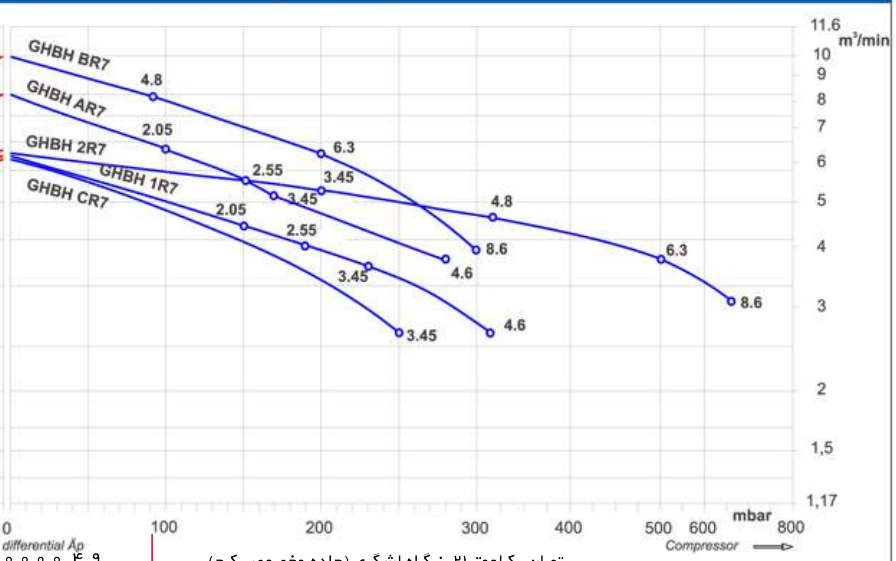
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 8

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 5D7 36 1R8	50	4.3	345-415Δ/600-690Y	9.5Δ/5.5Y	54	70	530	-200	200	RVG1.2/MF-20
	60	4.6	380-480Δ/660-720Y	9.5Δ/5.5Y		74	620	-160	160	RVG1.2/MF-20
GHBH 7D5 36 1R8	50	5.5	345-415Δ/600-690Y	13.3Δ/7.7Y	63	70	530	-300	300	RVG1.2/MF-20
	60	6.3	380-480Δ/660-720Y	13.3Δ/7.7Y		74	620	-300	280	RVG1.2/MF-20
GHBH 010 36 1R8	50	7.5	345-415Δ/600-690Y	16.7Δ/9.6Y	66	70	530	-320	430	RVG1.2/MF-20
	60	8.6	380-480Δ/660-720Y	17.3Δ/10.0Y		74	620	-350	400	RVG1.2/MF-20
GHBH 7D5 36 2R8	50	5.5	345-415Δ/600-690Y	13.3Δ/7.7Y	83	74	520	-280	260	RVG1.2/MF-20
	60	6.3	380-480Δ/660-720Y	13.3Δ/7.7Y		78	620	-210	200	RVG1.2/MF-20
GHBH 010 36 2R8	50	7.5	345-415Δ/600-690Y	16.7Δ/9.6Y	86	74	520	-400	400	RVG1.2/MF-20
	60	8.6	380-480Δ/660-720Y	17.3Δ/10.0Y		78	620	-360	330	RVG1.2/MF-20
GHBH 015 36 2R8	50	11.0	345-415Δ/600-690Y	28.0Δ/16.2Y	104	74	520	-430	600	RVG1.2/MF-20
	60	12.6	380-480Δ/660-720Y	29.0Δ/16.7Y		78	620	-460	600	RVG1.2/MF-20
GHBH 020 36 2R8	50	15.0	345-415Δ/600-690Y	32.5Δ/18.8Y	120	74	520	-460	670	RVG1.2/MF-20
	60	17.3	380-480Δ/660-720Y	34.5Δ/19.9Y		78	620	-490	750	RVG1.2/MF-20
GHBH 5D7 36 AR8	50	4.3	345-415Δ/600-690Y	9.5Δ/5.5Y	57	70	700	-150	140	RVG1.2/MF-20
	60	4.6	380-480Δ/660-720Y	9.5Δ/5.5Y		74	840	-90	90	RVG1.2/MF-20
GHBH 7D5 36 AR8	50	5.5	345-415Δ/600-690Y	13.3Δ/7.7Y	66	70	700	-200	190	RVG1.2/MF-20
	60	6.3	380-480Δ/660-720Y	13.3Δ/7.7Y		74	840	-180	180	RVG1.2/MF-20
GHBH 010 36 AR8	50	7.5	345-415Δ/600-690Y	16.7Δ/9.6Y	69	70	700	-270	260	RVG1.2/MF-20
	60	8.6	380-480Δ/660-720Y	17.3Δ/10.0Y		74	840	-270	260	RVG1.2/MF-20
GHBH 010 36 BR8	50	7.5	345-415Δ/600-690Y	16.7Δ/9.6Y	91	74	900	-200	180	RVG1.2/MF-20
	60	8.6	380-480Δ/660-720Y	17.3Δ/10.0Y		78	1050	-150	120	RVG1.2/MF-20
GHBH 015 36 BR8	50	11.0	345-415Δ/600-690Y	28.0Δ/16.2Y	110	74	900	-280	370	RVG1.2/MF-20
	60	12.6	380-480Δ/660-720Y	29.0Δ/16.7Y		78	1050	-310	350	RVG1.2/MF-20

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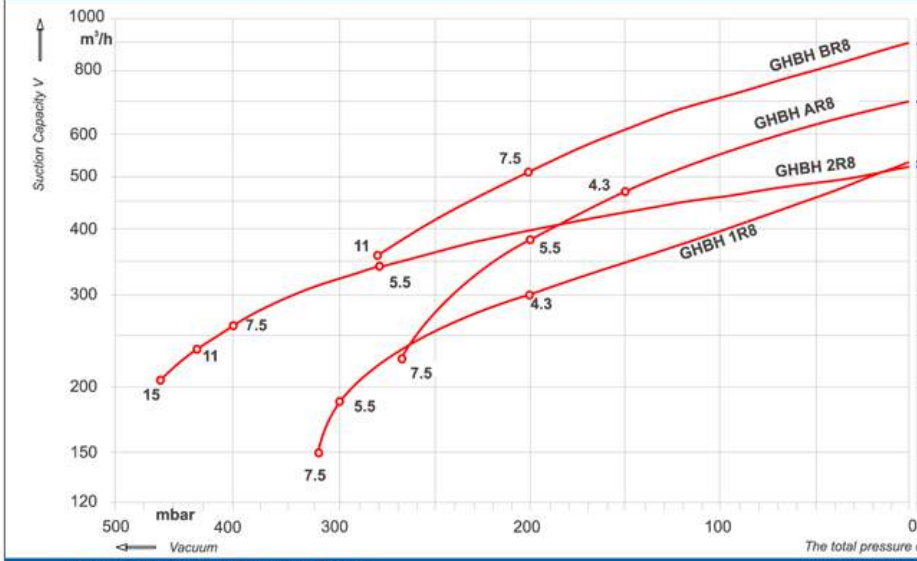
روبروی پالایشگاه نفت پارس، پلاک ۱۲

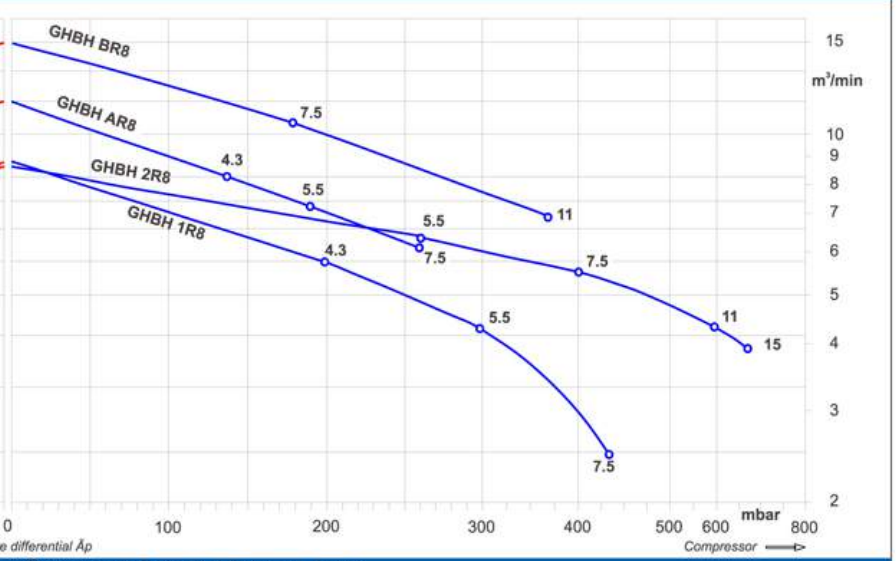
GHBH Series 8 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

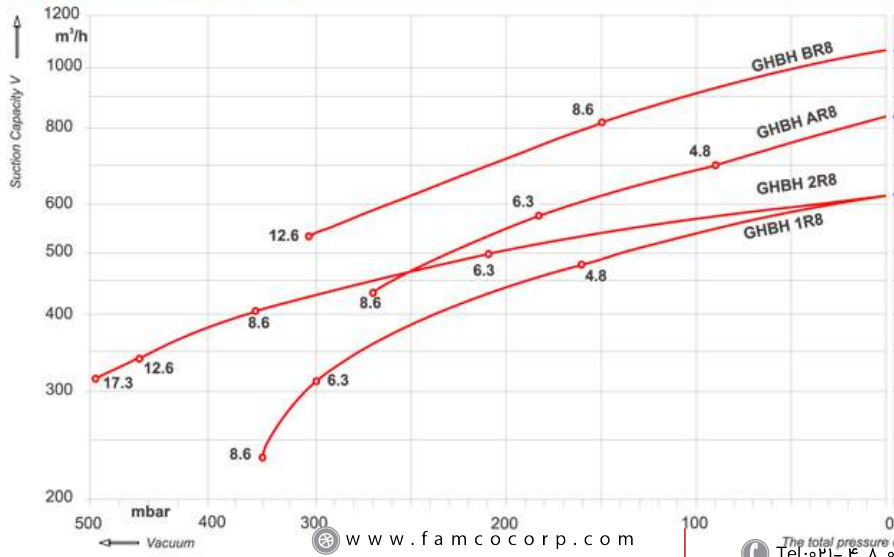
Vacuum Selection Diagram 50Hz



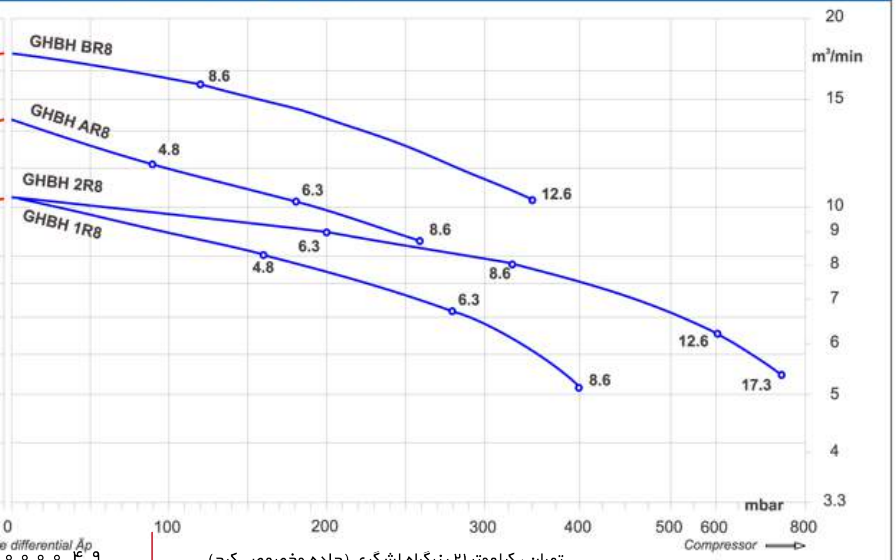
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



GHBH series 9

Specification for pressure & vacuum operation.

Three-phase motor

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBH 011 36 1R9	50	8.5	345-415Δ/600-690Y	18.2Δ/10.5Y	93	74	1050	-190	190	RVG1.2/MF-32
	60	9.8	380-480Δ/660-720Y	18.2Δ/10.5Y		79	1250	-150	140	RVG1.2/MF-32
GHBH 017 36 1R9	50	12.5	345-415Δ/600-690Y	28.0Δ/16.2Y	116	74	1050	-290	280	RVG1.2/MF-32
	60	14.5	380-480Δ/660-720Y	29.0Δ/16.7Y		79	1250	-270	260	RVG1.2/MF-32
GHBH 025 36 1R9	50	18.5	345-415Δ/600-690Y	37.0Δ/21.0Y	126	74	1050	-360	460	RVG1.2/MF-32
	60	21.3	380-480Δ/660-720Y	39.0Δ/22.5Y		79	1250	-380	420	RVG1.2/MF-32
GHBH 017 36 2R9	50	12.5	345-415Δ/600-690Y	28.0Δ/16.2Y	187	74	1110	-300	270	RVG1.2/MF-32
	60	14.5	380-480Δ/660-720Y	29.0Δ/16.7Y		84	1310	-220	200	RVG1.2/MF-32
GHBH 022 36 2R9	50	16.5	345-415Δ/600-690Y	35.0Δ/20.0Y	197	74	1110	-410	370	RVG1.2/MF-32
	60	19.0	380-480Δ/660-720Y	36.5Δ/21.0Y		84	1310	-340	300	RVG1.2/MF-32
GHBH 027 36 2R9	50	20.0	345-415Δ/600-690Y	40.0Δ/23.0Y	204	74	1110	-440	500	RVG1.2/MF-32
	60	23.0	380-480Δ/660-720Y	42.0Δ/24.2Y		84	1310	-440	430	RVG1.2/MF-32
GHBH 034 36 2R9	50	25.0	345-415Δ/600-690Y	52.0Δ/30.0Y	211	74	1110	-440	590	RVG1.2/MF-32
	60	29.0	380-480Δ/660-720Y	52.0Δ/30.0Y		84	1310	-440	540	RVG1.2/MF-32
GHBH 011 36 AR9	50	8.5	345-415Δ/600-690Y	18.2Δ/10.5Y	98	75	1370	-120	110	RVG1.2/MF-32
	60	9.8	380-480Δ/660-720Y	18.2Δ/10.5Y		80	1650	-80	70	RVG1.2/MF-32
GHBH 017 36 AR9	50	12.5	345-415Δ/600-690Y	28.0Δ/16.2Y	121	75	1370	-190	180	RVG1.2/MF-32
	60	14.5	380-480Δ/660-720Y	29.0Δ/16.7Y		80	1650	-150	150	RVG1.2/MF-32
GHBH 025 36 AR9	50	18.5	345-415Δ/600-690Y	37.0Δ/21.0Y	131	75	1370	-320	340	RVG1.2/MF-32
	60	21.3	380-480Δ/660-720Y	39.0Δ/22.5Y		80	1650	-300	280	RVG1.2/MF-32
GHBH 020 36 BR9	50	15.0	345-415Δ/600-690Y	35.0Δ/20.0Y	187	75	1940	-130	110	RVG1.2/MF-32
	60	17.5	380-480Δ/660-720Y	36.5Δ/21.0Y		84	2310	-60	40	RVG1.2/MF-32
GHBH 027 36 BR9	50	20.0	345-415Δ/600-690Y	40.0Δ/23.0Y	212	75	1940	-220	200	RVG1.2/MF-32
	60	23.0	380-480Δ/660-720Y	42.0Δ/24.2Y		84	2310	-160	130	RVG1.2/MF-32
GHBH 034 36 BR9	50	25.0	345-415Δ/600-690Y	52.0Δ/30.0Y	219	75	1940	-310	280	RVG1.2/MF-32
	60	29.0	380-480Δ/660-720Y	52.0Δ/30.0Y		84	2310	-270	220	RVG1.2/MF-32
GHBH 020 36 BW9	50	15.0	345-415Δ/600-690Y	35.0Δ/20.0Y	220	75	2050	-160	170	RVG1.2/MF-32
	60	17.5	380-480Δ/660-720Y	36.5Δ/21.0Y		84	2480	-120	110	RVG1.2/MF-32
GHBH 027 36 BW9	50	20.0	345-415Δ/600-690Y	40.0Δ/23.0Y	230	75	2050	-250	230	RVG1.2/MF-32
	60	23.0	380-480Δ/660-720Y	42.0Δ/24.2Y		84	2480	-190	180	RVG1.2/MF-32
GHBH 034 36 BW9	50	25.0	345-415Δ/600-690Y	52.0Δ/30.0Y	235	75	2050	-310	280	RVG1.2/MF-32
	60	29.0	380-480Δ/660-720Y	52.0Δ/30.0Y		84	2480	-270	230	RVG1.2/MF-32

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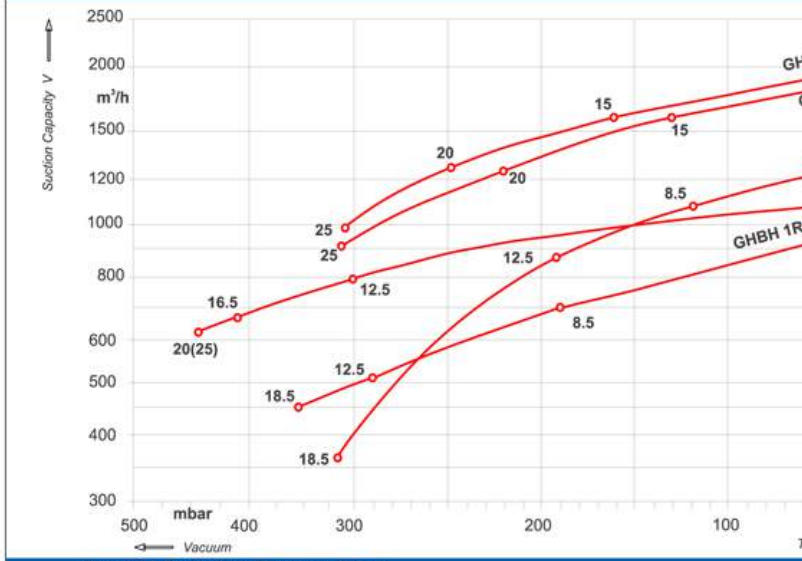
روبروی پالایشگاه نفت پارس، پلاک ۱۲

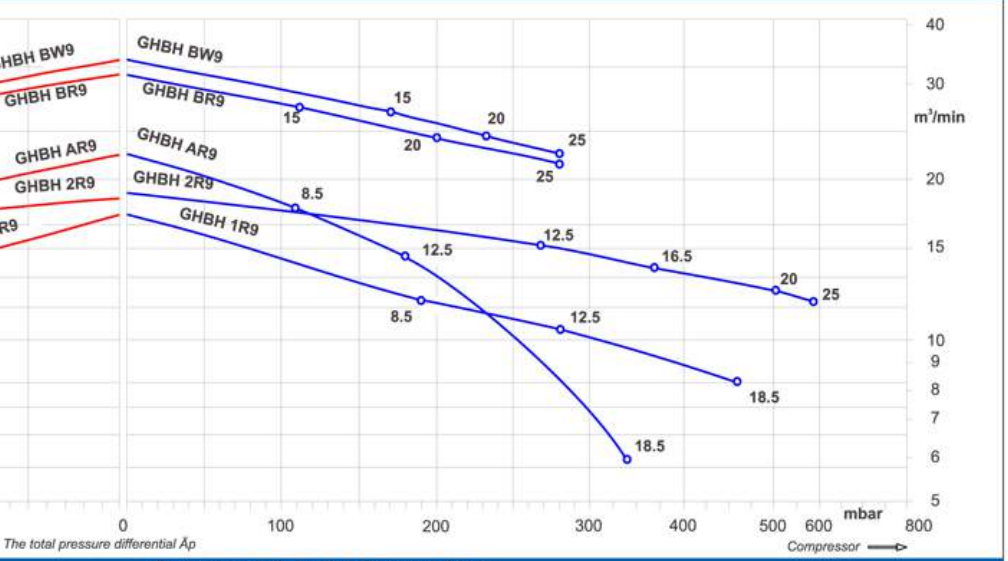
GHBH Series 9 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

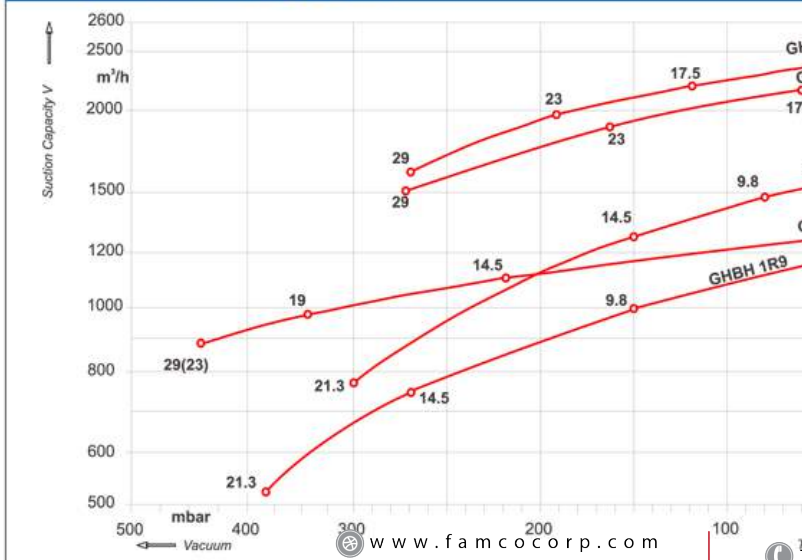
Vacuum Selection Diagram 50Hz



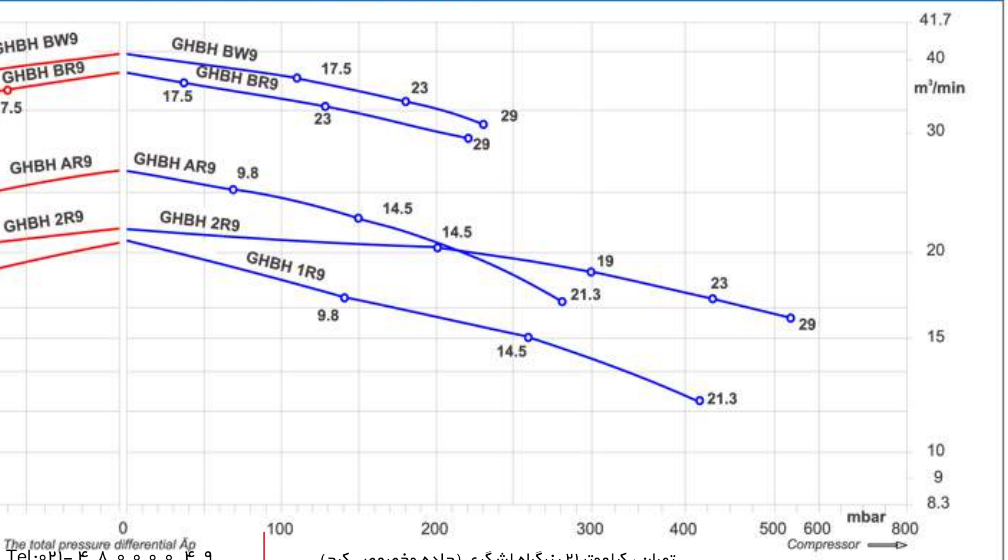
Compressor Selection Diagram 50Hz



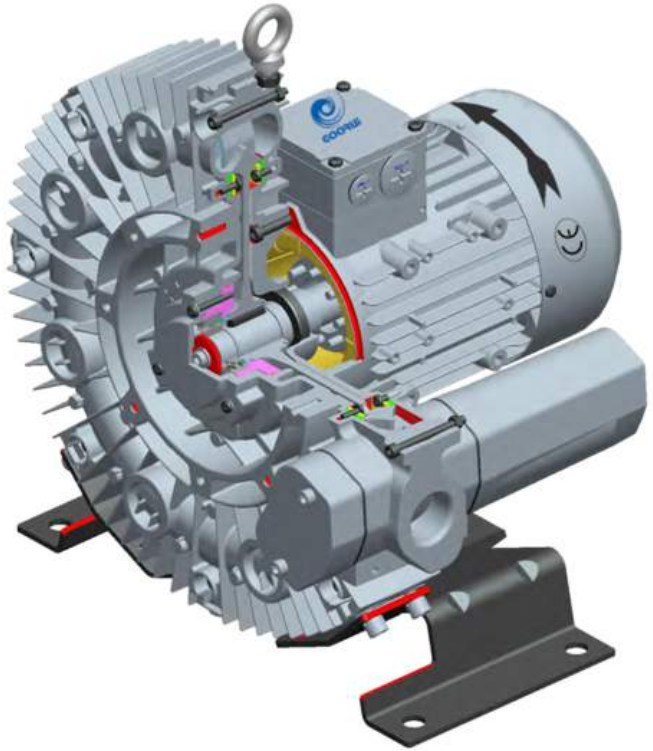
Vacuum Selection Diagram 60Hz

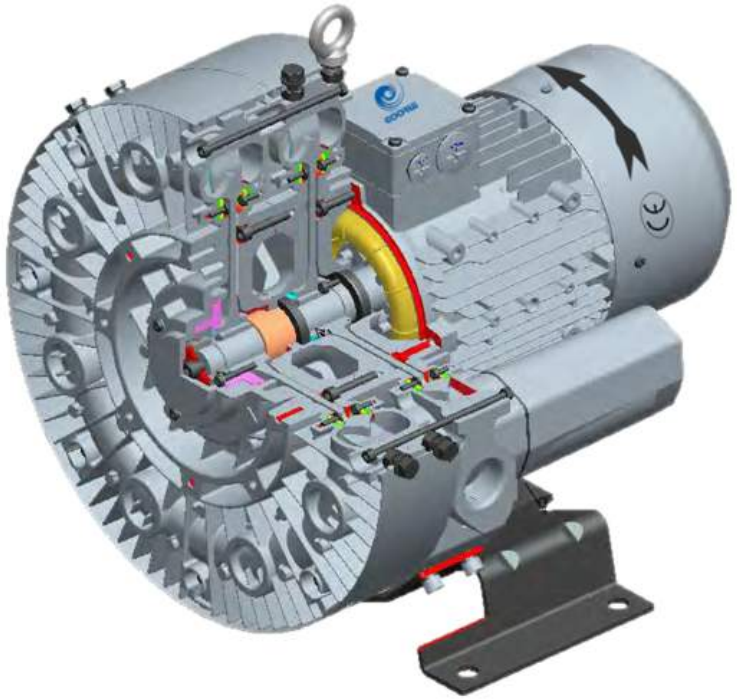


Compressor Selection Diagram 60Hz



GHBG Single and double stage





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Unsurpassed at highest differential pressure

Our revolutionary GHBG regenerative blowers can produce more than 1000mbar differential pressure which is higher than other brand. Till now, most machines which can also produce such differential pressure usually have a bigger size, higher noise and easy to be abraded than ours. And now besides low noise, freely abrade, our GHBG series blowers are also suitable for more rigorous working situation.

GHBG regenerative blower can be used for about 20,000 hours constantly without any maintenance. This can be proved in any situation, even in the most rigorous operating conditions. Although their low noise will leave a deep impression for you, our engineers and designers is still hard work to make them more quite.

GHBG model selection chart, vacuum & compressor types, 50hz/60hz , please refer to page 25-28.

GHBG series

specification for pressure & vacuum operation.

(Single) Three-phase motor、Single-stage

MOTOR					Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
Model	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBG D73 12 1R2	50	0.55	200–240	3.1	18	57	47	–230	290	RVG1.2/MF–10
	60	0.63	220–275	7.1		62	57	–270	320	RVG1.2/MF–10
GHBG 1D2 12 1R3	50	0.94	200–240	9.0	18	57	66	–250	350	RVG1.2/MF–10
	60	1.1	220–275	9.0		62	80	–280	390	RVG1.2/MF–10
GHBG 1D7 12 1R4	50	1.1	200–240	10.1	23	55	87	–300	380	RVG1.2/MF–10
	60	1.3	220–275	10.3		62	105	–350	390	RVG1.2/MF–10
GHBG D73 34 1R2	50	0.55	200–240Δ/345–415	2.8Δ/1.6Y	16	57	47	–230	290	RVG1.2/MF–10
	60	0.63	220–275Δ/380–480	3.0Δ/1.7Y		62	57	–270	320	RVG1.2/MF–10
GHBG D73 34 1R3	50	0.55	200–240Δ/345–415	2.8Δ/1.6Y	16	57	66	–250	250	RVG1.2/MF–10
	60	0.63	220–275Δ/380–480	3.0Δ/1.7Y		62	80	–260	250	RVG1.2/MF–10
GHBG 1D2 34 1R3	50	0.81	200–240Δ/345–415	4.0Δ/2.3Y	17	59	66	–280	350	RVG1.2/MF–10
	60	0.94	220–275Δ/380–480	4.0Δ/2.3Y		62	80	–340	360	RVG1.2/MF–10
GHBG 1D7 34 1R4	50	1.1	200–240Δ/345–415	5.4Δ/3.1Y	23	55	87	–300	380	RVG1.2/MF–10
	60	1.3	220–275Δ/380–480	5.4Δ/3.1Y		62	105	–340	370	RVG1.2/MF–10
GHBG 002 34 1R5	50	1.5	200–240Δ/345–415	7.5Δ/4.3Y	26	64	120	–310	360	RVG1.2/MF–10
	60	1.75	220–275Δ/380–480	7.6Δ/4.4Y		68	145	–340	320	RVG1.2/MF–10
GHBG 003 34 1R5	50	2.2	200–240Δ/345–415	11.4Δ/6.6Y	29	64	120	–310	470	RVG1.2/MF–10
	60	2.55	220–275Δ/380–480	11.2Δ/6.5Y		68	145	–360	480	RVG1.2/MF–10
GHBG 003 34 1R6	50	2.2	200–240Δ/345–415	11.4Δ/6.6Y	32	65	165	–340	360	RVG1.2/MF–10
	60	2.55	220–275Δ/380–480	11.2Δ/6.5Y		71	195	–360	315	RVG1.2/MF–10
GHBG 4D4 34 1R6	50	3.3	200–240Δ/345–415	13.0Δ/7.5Y	35	65	165	–340	480	RVG1.2/MF–10
	60	3.8	220–275Δ/380–480	14.2Δ/8.2Y		71	195	–380	530	RVG1.2/MF–10

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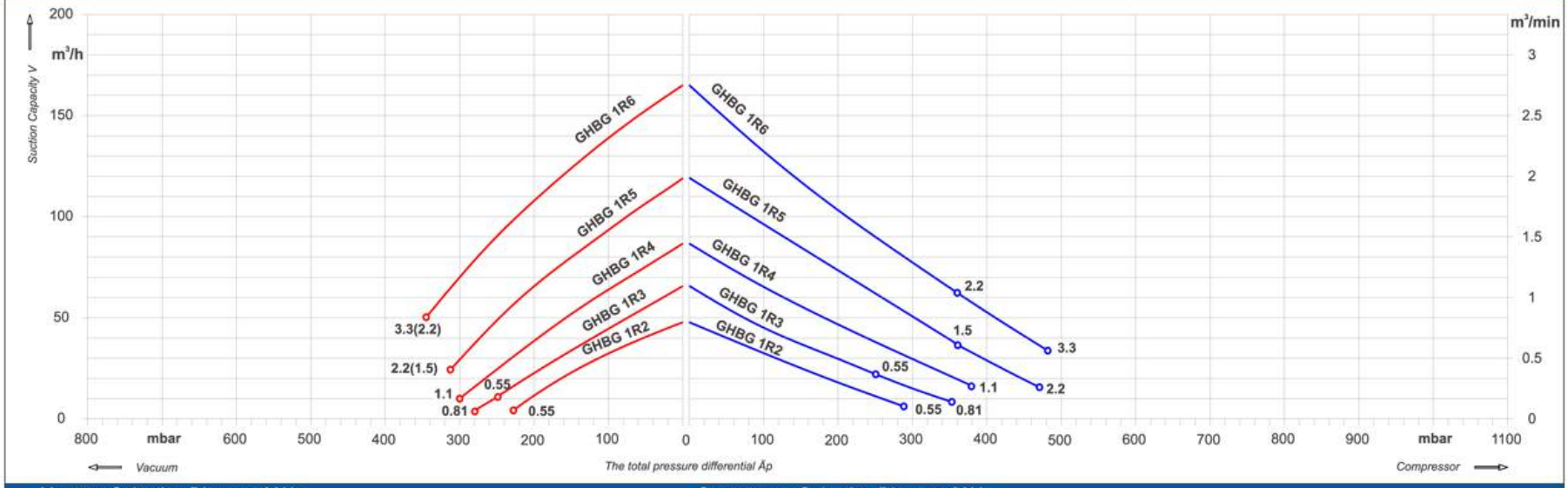
روبروی پالایشگاه نفت پارس، پلاک ۱۲

GHBG Series performance curves

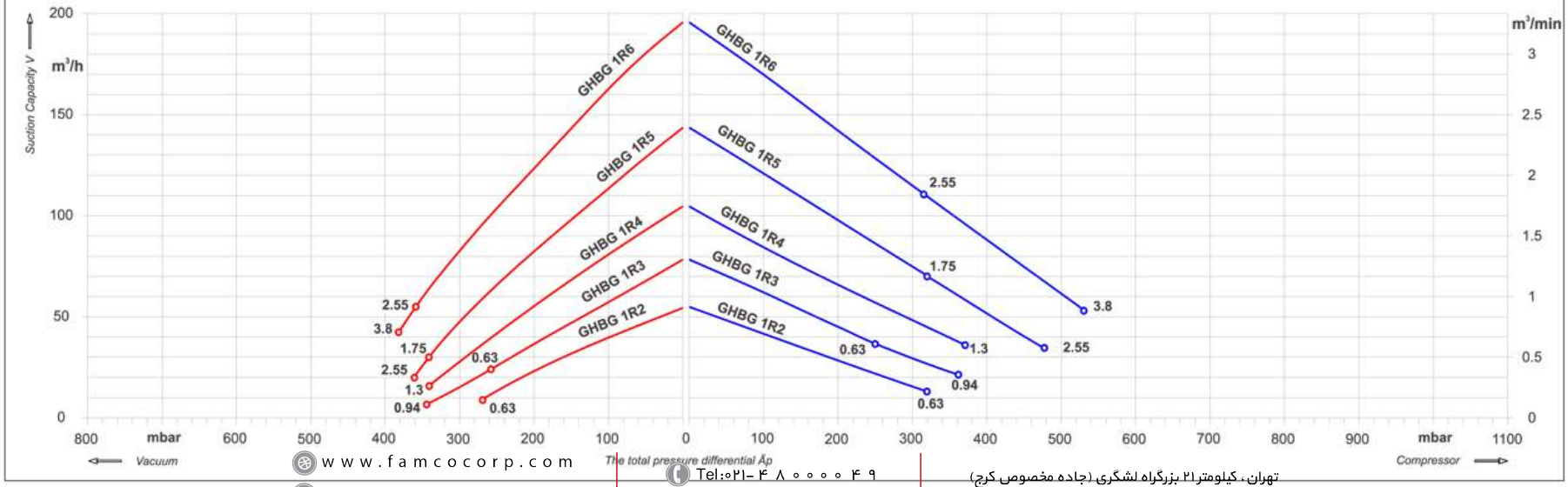
The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

Vacuum Selection Diagram 50Hz



Compressor Selection Diagram 50Hz

Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz

GHBG series

specification for pressure & vacuum operation.

(Single) Three-phase motor、Multi-stage

Model	MOTOR				Weight	Sound	Max airflow	Max vacuum	Max pressure	Pressure relief valve / filter
	Frequency	Rated								
		Power	Voltage	Current						
	Hz	KW	V	A	Kg	db(A)	m^3/h	mbar	mbar	
GHBG 002 12 2R2	50	1.5	200–240	9.7	30	58	47	–370	600	RVG1.2/MF–10
	60	1.75	220–275	10.3		62	60	–420	660	RVG1.2/MF–10
GHBG 002 12 2R3	50	1.5	200–240	9.7	32	59	65	–400	550	RVG1.2/MF–10
	60	1.75	220–275	10.3		63	76	–390	540	RVG1.2/MF–10
GHBG 1D2 34 2R2	50	0.81	200–240Δ/345–415Y	4.0Δ/2.3Y	24	58	47	–370	490	RVG1.2/MF–10
	60	0.94	220–275Δ/380–480Y	4.0Δ/2.3Y		62	60	–440	480	RVG1.2/MF–10
GHBG 002 34 2R2	50	1.5	200–240Δ/345–415Y	7.5Δ/4.3Y	28	58	47	–370	650	RVG1.2/MF–10
	60	1.75	220–275Δ/380–480Y	7.5Δ/4.3Y		62	60	–500	740	RVG1.2/MF–10
GHBG 1D7 34 2R3	50	1.1	200–240Δ/345–415Y	5.4Δ/3.1Y	29	59	65	–400	480	RVG1.2/MF–10
	60	1.3	220–275Δ/380–480Y	5.4Δ/3.1Y		63	76	–480	460	RVG1.2/MF–10
GHBG 002 34 2R3	50	1.5	200–240Δ/345–415Y	7.5Δ/4.3Y	30	59	65	–440	540	RVG1.2/MF–10
	60	1.75	220–275Δ/380–480Y	7.6Δ/4.4Y		63	76	–560	600	RVG1.2/MF–10
GHBG 002 34 2R4	50	1.5	200–240Δ/345–415Y	7.5Δ/4.3Y	33	61	87	–480	450	RVG1.2/MF–10
	60	1.75	220–275Δ/380–480Y	7.6Δ/4.4Y		66	105	–430	410	RVG1.2/MF–10
GHBG 4D4 34 2R4	50	3.3	200–240Δ/345–415Y	13Δ/7.5Y	39	61	87	–500	750	RVG1.2/MF–10
	60	3.8	220–275Δ/380–480Y	13.8Δ/8Y		66	105	–510	850	RVG1.2/MF–10
GHBG 003 34 2R5	50	2.2	200–240Δ/345–415Y	11.4Δ/6.6Y	40	64	120	–470	460	RVG1.2/MF–10
	60	2.55	220–275Δ/380–480Y	11.2Δ/6.5Y		70	145	–500	450	RVG1.2/MF–10
GHBG 5D5 36 2R5	50	4	345–415Δ	9.0Δ	51	65	120	–500	820	RVG1.2/MF–10
	60	4.6	380–480Δ	9.5Δ		71	145	–530	810	RVG1.2/MF–10
GHBG 4D4 34 2R6	50	3.3	200–240Δ/345–415Y	13Δ/7.5Y	48	67	165	–460	500	RVG1.2/MF–10
	60	3.8	220–275Δ/380–480Y	14.2Δ/8.2Y		71	195	–480	420	RVG1.2/MF–10
GHBG 7D5 36 2R6	50	5.7	345–415Δ	12.5Δ	65	68	165	–460	740	RVG1.2/MF–10
	60	6.6	380–480Δ	12.0Δ		72	195	–480	840	RVG1.2/MF–10
GHBG 010 36 3R6	50	7.5	345–415Δ	16.0Δ	85	72	170	–730	1040	MF–10
	60	8.6	380–480Δ	16.0Δ		76	200	–700	1040	MF–10

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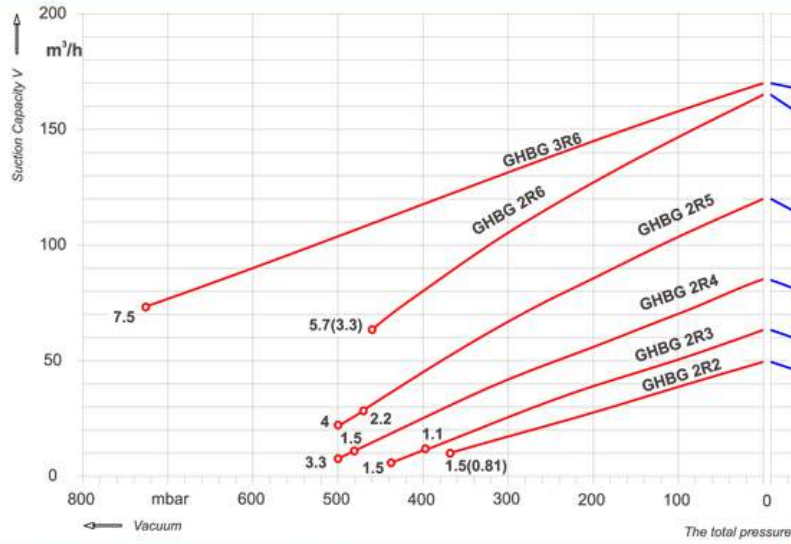
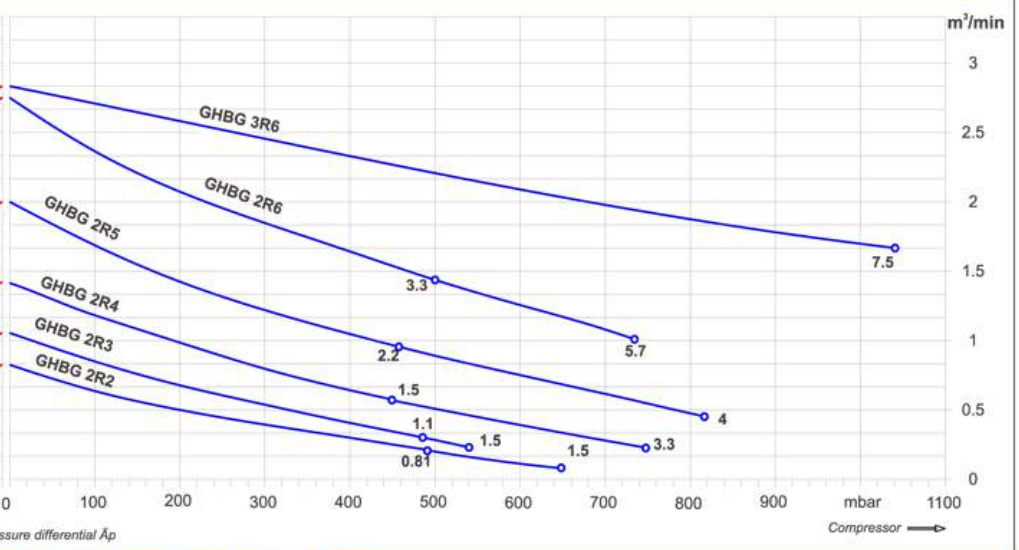
GHBG Series2 performance curves

The performance curves of Goorui blower is tested through below ways:
Under one atmospheric pressure, suck 15℃ air and then you can calculate the data, of course allow 10% difference, and when the sucked air and surroundings temperature are not higher than 25℃, you still can get total pressure difference as the curves shows.

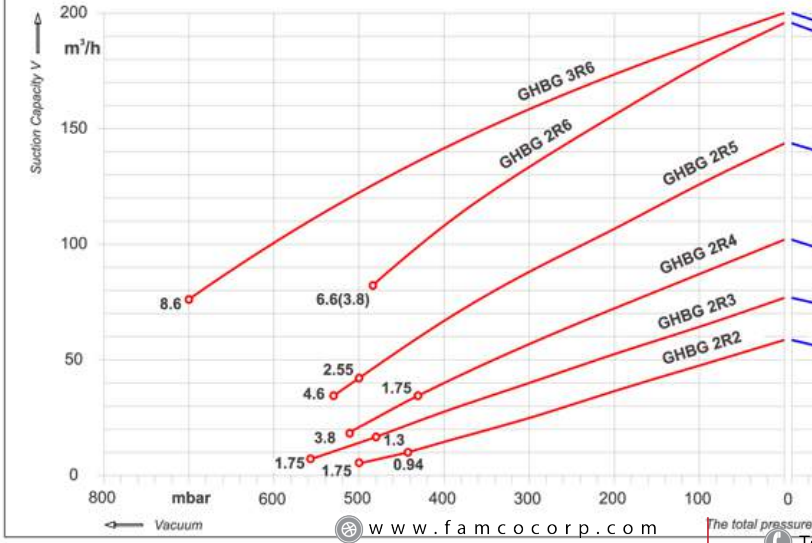
Vacuum Selection Diagram 50Hz



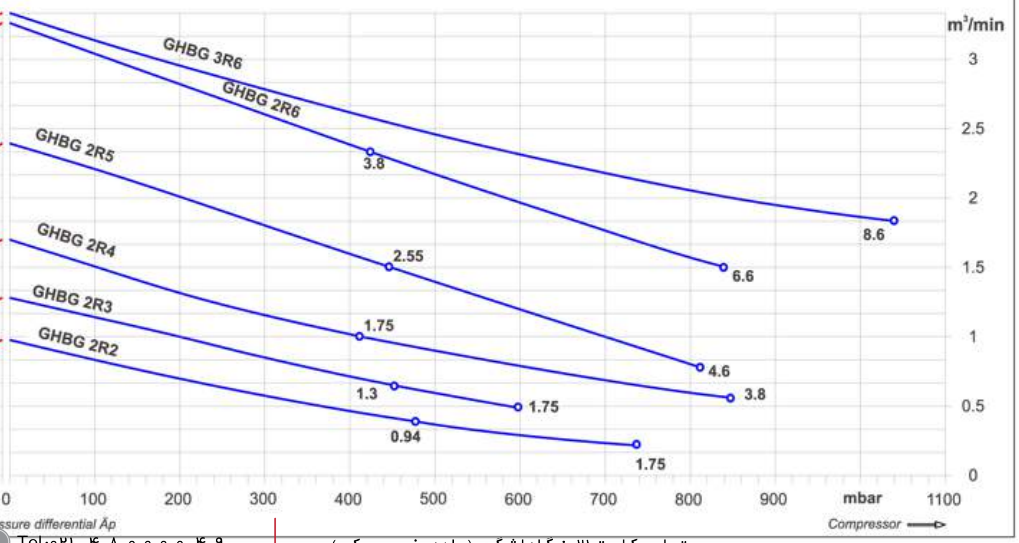
Compressor Selection Diagram 50Hz



Vacuum Selection Diagram 60Hz



Compressor Selection Diagram 60Hz



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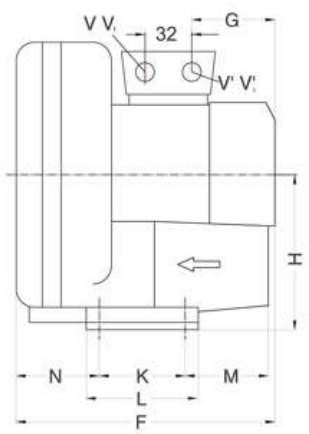
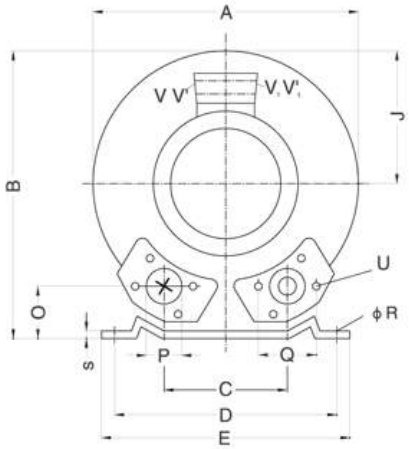
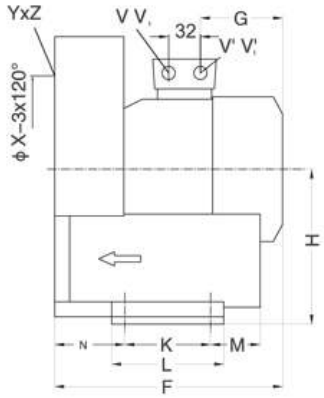
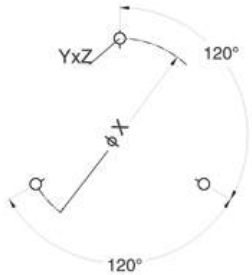
GHBH 1R2./GHBH AR2./GHBH 1R3./GHBH AR3.









Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
GHBH 0D3 34 1R2	3~	245	247	90	205	230	219	92	128	101	83	108	75	70	39	$G1_{1/4}$(15tief-deep)	64
GHBH 0D5 34 1R2	3~	245	247	90	205	230	256	135	128	111	83	108	76	70	39	$G1_{1/4}$(15tief-deep)	64
GHBH 0D5 12 1R2	1~	245	247	90	205	230	256	135	128	111	83	108	76	70	39	$G1_{1/4}$(15tief-deep)	64
GHBH 0D3 34 AR2	3~	245	247	90	205	230	242	102	128	101	83	108	76	81	39	$G1_{1/4}$(15tief-deep)	64
GHBH 0D5 34 AR2	3~	245	247	90	205	230	267	135	128	111	83	108	76	81	39	$G1_{1/4}$(15tief-deep)	64
GHBH 001 34 AR2	3~	245	247	90	205	230	267	135	128	111	83	108	76	81	39	$G1_{1/4}$(15tief-deep)	64
GHBH 0D5 12 AR2	1~	245	247	90	205	230	267	135	128	111	83	108	76	81	39	$G1_{1/4}$(15tief-deep)	64
GHBH D73 34 1R3	3~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	$G1_{1/4}$(15tief-deep)	64
GHBH 001 34 1R3	3~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	$G1_{1/4}$(15tief-deep)	64
GHBH D73 12 1R3	1~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	$G1_{1/4}$(15tief-deep)	64
GHBH 001 12 1R3	1~	268	272	93	205	230	260	135	141	111	83	108	82	69	41	$G1_{1/4}$(15tief-deep)	64
GHBH D73 34 AR3	3~	268	272	93	205	230	276	135	141	111	83	108	82	85	41	$G1_{1/4}$(15tief-deep)	64
GHBH 001 34 AR3	3~	268	272	93	205	230	276	135	141	111	83	108	82	85	41	$G1_{1/4}$(15tief-deep)	64

Type	Phases	ϕR	S	U	V(1~)	V'(1~)	V_1(3~)	V'_1(3~)	YxZ	X-Holes	ϕX
GHBH 0D3 34 1R2	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 0D5 34 1R2	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 0D5 12 1R2	1~	10	2.5	M6x17	M16x1.5	M25x1.5			M6x15	0°/120°/240°	140
GHBH 0D3 34 AR2	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 0D5 34 AR2	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 001 34 AR2	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 0D5 12 AR2	1~	10	2.5	M6x17	M16x1.5	M25x1.5			M6x15	0°/120°/240°	140
GHBH D73 34 1R3	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	140
GHBH 001 34 1R3	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
GHBH D73 12 1R3	1~	10	2.5	M6x17	M25x1.5	M16x1.5			M6x15	0°/120°/240°	160
GHBH 001 12 1R3	1~	10	2.5	M6x17	M25x1.5	M16x1.5			M6x15	0°/120°/240°	160
GHBH D73 34 AR3	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	160
GHBH 001 34 AR3	3~	10	2.5	M6x17			M25x1.5	M16x1.5	M6x15	0°/120°/240°	160

Note: 1. The Catalogue only for reference, If there are differences, please confirm by the practicalities.
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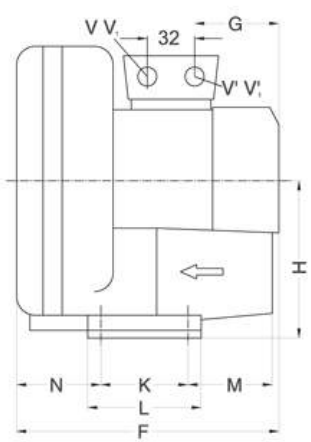
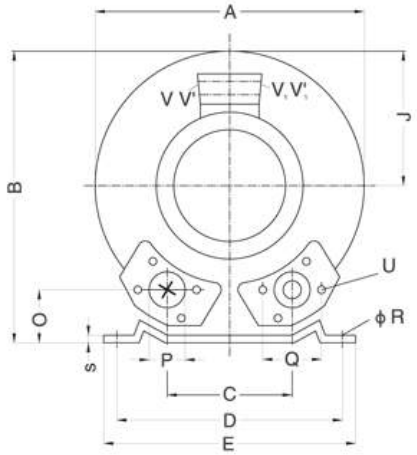
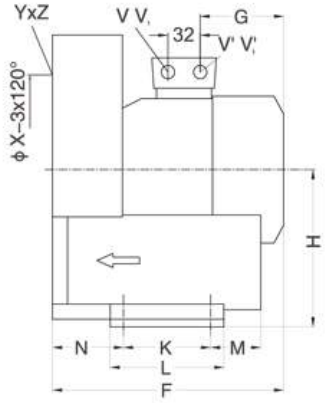
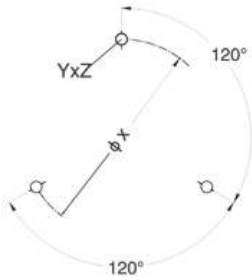
GHBH 1R4./GHBH AR4./GHBH CR4.









Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q
GHBH 1D2 12 1R4	1~	286	302	114	225	255	294	160	154	120	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D7 12 1R4	1~	286	302	114	225	255	294	160	154	120	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72
GHBH 001 34 1R4	3~	286	302	114	225	255	269	135	154	111	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D2 34 1R4	3~	286	302	114	225	255	294	160	154	120	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D7 34 1R4	3~	286	302	114	225	255	294	160	154	120	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D2 12 AR4	1~	286	302	114	225	255	309	160	154	120	95	130	70	90	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D7 12 AR4	1~	286	302	114	225	255	309	160	154	120	95	130	70	90	45	$G1_{1/2}$(15tief-deep)	72
GHBH 001 34 AR4	3~	286	302	114	225	255	285	135	154	111	95	130	70	90	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D2 34 AR4	3~	286	302	114	225	255	309	160	154	120	95	130	70	90	45	$G1_{1/2}$(15tief-deep)	72
GHBH 1D7 34 AR4	3~	286	302	114	225	255	309	160	154	120	95	130	70	90	45	$G1_{1/2}$(15tief-deep)	72
GHBH D73 34 CR4	3~	286	302	114	225	255	309	160	154	120	95	130	70	75	45	$G1_{1/2}$(15tief-deep)	72

Type	Phases	ϕR	S	U	V(1~)	V'(1~)	V_1(3~)	V_1'(3~)	YxZ	X-Holes	ϕX
GHBH 1D2 12 1R4	1~	12	3	M6x19	M16x1.5	M25x1.5			M6x15	0°/120°/240°	174
GHBH 1D7 12 1R4	1~	12	3	M6x19	M16x1.5	M25x1.5			M6x15	0°/120°/240°	174
GHBH 001 34 1R4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH 1D2 34 1R4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH 1D7 34 1R4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH 1D2 12 AR4	1~	12	3	M6x19	M16x1.5	M25x1.5			M6x15	0°/120°/240°	174
GHBH 1D7 12 AR4	1~	12	3	M6x19	M16x1.5	M25x1.5			M6x15	0°/120°/240°	174
GHBH 001 34 AR4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH 1D2 34 AR4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH 1D7 34 AR4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174
GHBH D73 34 CR4	3~	12	3	M6x19			M25x1.5	M16x1.5	M6x15	0°/120°/240°	174

Note: 1. The Catalogue only for reference, If there are differences, please confirm by the practicalities.
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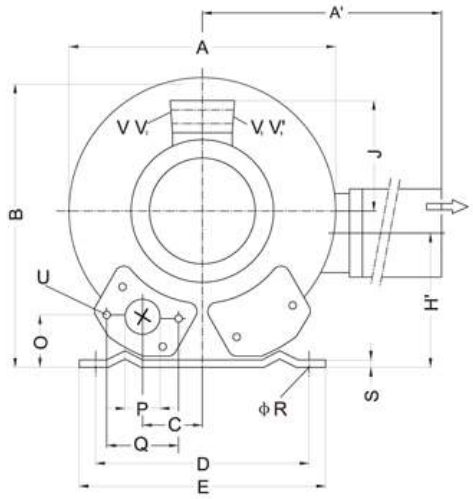
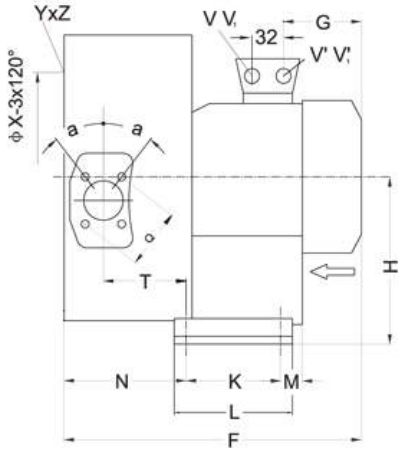
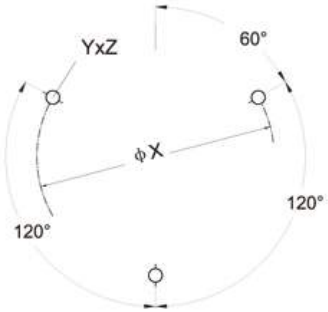
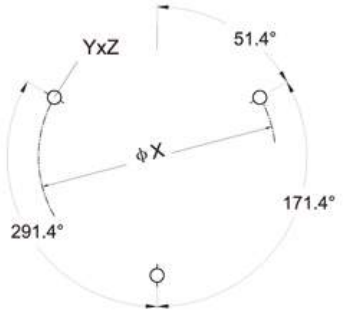
GHBH 2R2./GHBH 2R3./GHBH 2R4.









Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P
GHBH 001 34 2R2	3~	284	316	270	45	205	230	316	135	128	106	111	83	108	75	130	39	$G1_{1/4}$(15tief–deep)
GHBH 1D2 34 2R3	3~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	$G1_{1/4}$(15tief–deep)
GHBH 1D7 34 2R3	3~	293	324	286	47	205	230	354	160	141	114	120	83	108	82	138	41	$G1_{1/4}$(15tief–deep)
GHBH 002 34 2R4	3~	322	324	315	57	225	255	401	191	154	153	128	95	130	73	151	45	$G1_{1/2}$(15tief–deep)
GHBH 003 34 2R4	3~	322	324	315	57	225	255	401	191	154	153	128	95	130	73	151	45	$G1_{1/2}$(15tief–deep)
GHBH 002 12 2R4	1~	322	324	315	57	225	255	401	191	154	153	128	95	130	73	151	45	$G1_{1/2}$(15tief–deep)

Type	Phases	Q	ϕR	S	T	U	V(1~)	V'(1~)	V_1(3~)	V'_1(3~)	α	ϕX	YxZ	X-Holes
GHBH 001 34 2R2	3~	64	10	2.5	88	M6x17			M25x1.5	M16x1.5	27°	140	M6x15	51.4° /171.4° /291.4°
GHBH 1D2 34 2R3	3~	64	10	2.5	92	M6x17			M25x1.5	M16x1.5	27°	160	M6x15	51.4° /171.4° /291.4°
GHBH 1D7 34 2R3	3~	64	10	2.5	92	M6x17			M25x1.5	M16x1.5	27°	160	M6x15	51.4° /171.4° /291.4°
GHBH 002 34 2R4	3~	72	12	3	103	M6x19			M25x1.5	M16x1.5	28°	174	M6x15	60° /180° /300°
GHBH 003 34 2R4	3~	72	12	3	103	M6x19			M25x1.5	M16x1.5	28°	174	M6x15	60° /180° /300°
GHBH 002 12 2R4	1~	72	12	3	103	M6x19	M16x1.5	M25x1.5			28°	174	M6x15	60° /180° /300°

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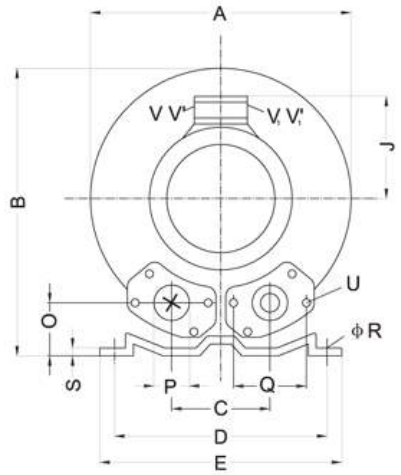
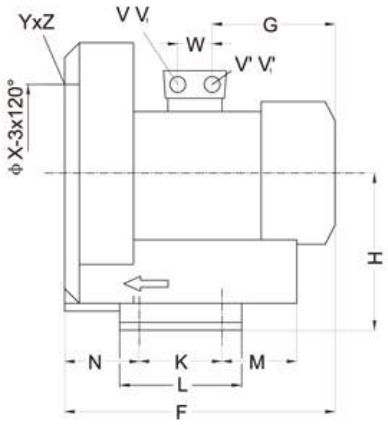
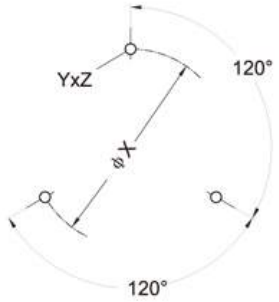
روبروی پالایشگاه نفت پارس، پلاک ۱۲

GHBH 1R5./GHBH AR5./GHBH CR5.







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ϕR
GHBH 002 12 1R5	1~	334	337	120	260	295	346	191	175	120	115	155	73	87	48	G2	83	14
GHBH 1D2 34 1R5	3~	334	337	120	260	295	314	160	175	120	115	155	73	85	48	G2	83	14
GHBH 1D7 34 1R5	3~	334	337	120	260	295	314	160	175	120	115	155	73	85	48	G2	83	14
GHBH 002 34 1R5	3~	334	337	120	260	295	346	191	175	128	115	155	73	85	48	G2	83	14
GHBH 003 34 1R5	3~	334	337	120	260	295	346	191	175	128	115	155	73	85	48	G2	83	14
GHBH 002 12 AR5	1~	334	337	120	260	295	365	191	175	120	115	155	73	90	48	G2	83	14
GHBH 1D2 34 AR5	3~	334	337	120	260	295	334	160	175	120	115	155	73	104	48	G2	83	14
GHBH 1D7 34 AR5	3~	334	337	120	260	295	334	160	175	120	115	155	73	104	48	G2	83	14
GHBH 002 34 AR5	3~	334	337	120	260	295	365	191	175	128	115	155	73	104	48	G2	83	14
GHBH 003 34 AR5	3~	334	337	120	260	295	365	191	175	128	115	155	73	104	48	G2	83	14
GHBH 1D7 34 CR5	3~	334	337	120	260	295	314	191	175	128	115	155	73	85	48	G2	83	14

Type	Phases	S	U	V(1~)	V'(1~)	V,(3~)	V',(3~)	YxZ	X-Holes	ϕX	W
GHBH 002 12 1R5	1~	4	M8x17	M16x1.5	M25x1.5			M8x20	0° /120° /240°	200	29
GHBH 1D2 34 1R5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 1D7 34 1R5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 002 34 1R5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 003 34 1R5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 002 12 AR5	1~	4	M8x17	M16x1.5	M25x1.5			M8x20	0° /120° /240°	200	29
GHBH 1D2 34 AR5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 1D7 34 AR5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 002 34 AR5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 003 34 AR5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29
GHBH 1D7 34 CR5	3~	4	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	200	29

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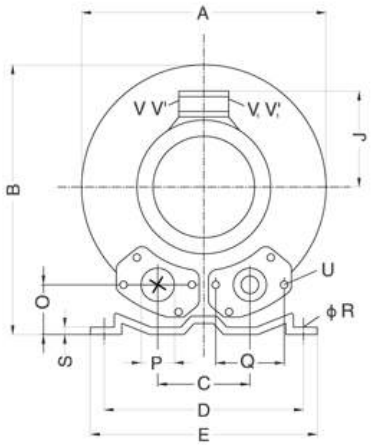
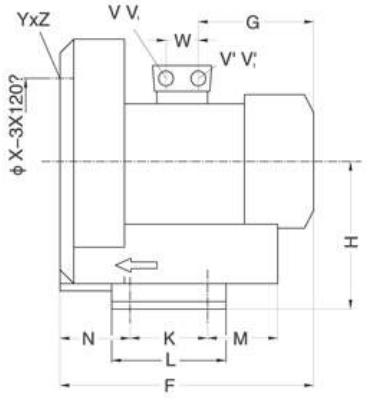
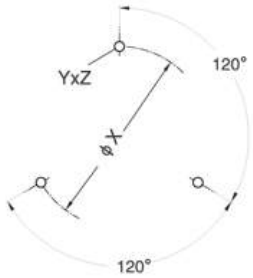
GHBH 1R6./GHBH AR6./GHBH 1R7./GHBH AR7./GHBH CR7.







Type	Phases	A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	ϕR
GHBH 002 34 1R6	3~	360	363	122	290	325	354	191	188	128	140	180	84	94	52	G2	83	15
GHBH 003 34 1R6	3~	360	363	122	290	325	354	191	188	128	140	180	84	94	52	G2	83	15
GHBH 004 34 1R6	3~	360	363	122	290	325	384	188	188	135	140	180	84	94	52	G2	83	15
GHBH 002 34 AR6	3~	360	363	122	290	325	372	191	188	128	140	180	84	112	52	G2	83	15
GHBH 003 34 AR6	3~	360	363	122	290	325	372	191	188	128	140	180	84	112	52	G2	83	15
GHBH 004 34 AR6	3~	360	363	122	290	325	402	188	188	135	140	180	84	112	52	G2	83	15
GHBH 002 34 1R7	3~	382	420	125	290	325	377	191	197	128	140	180	84	109	54	G2	83	15
GHBH 003 34 1R7	3~	382	420	125	290	325	377	191	197	128	140	180	84	109	53	G2	83	15
GHBH 004 34 1R7	3~	382	420	125	290	325	409	188	197	135	140	180	84	109	53	G2	83	15
GHBH 5D5 36 1R7	3~	382	420	125	290	325	446	225	197	135	140	180	84	109	53	G2	83	15
GHBH 002 34 AR7	3~	382	420	125	290	325	387	191	197	128	140	180	84	119	53	G2	83	15
GHBH 003 34 AR7	3~	382	420	125	290	325	387	191	197	128	140	180	84	119	53	G2	83	15
GHBH 004 34 AR7	3~	382	420	125	290	325	419	188	197	135	140	180	84	119	53	G2	83	15
GHBH 5D5 36 AR7	3~	382	420	125	290	325	455	225	197	135	140	180	84	119	53	G2	83	15
GHBH 003 34 CR7	3~	382	420	125	290	325	377	191	197	128	140	180	84	109	53	G2	83	15

Type	Phases	S	U	V(1~)	V'(1~)	V,(3~)	V,'(3~)	YxZ	X-Holes	ϕX	W
GHBH 002 34 1R6	3~	4.5	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	226	32
GHBH 003 34 1R6	3~	4.5	M8x17			M25x1.5	M16x1.5	M8x20	0° /120° /240°	226	32
GHBH 004 34 1R6	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8x20	0° /120° /240°	226	42
GHBH 002 34 AR6	3~	4.5	M8x17	M32x1.5	M32x1.5	M25x1.5	M16x1.5	M8x20	0° /120° /240°	226	32
GHBH 003 34 AR6	3~	4.5	M8x17	M32x1.5	M32x1.5	M25x1.5	M16x1.5	M8x20	0° /120° /240°	226	32
GHBH 004 34 AR6	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M8x20	0° /120° /240°	226	42
GHBH 002 34 1R7	3~	4.5	M8x17	M25x1.5	M16x1.5	M25x1.5	M16x1.5	M10x20	0° /120° /240°	240	32
GHBH 003 34 1R7	3~	4.5	M8x17	M25x1.5	M16x1.5	M25x1.5	M16x1.5	M10x20	0° /120° /240°	240	32
GHBH 004 34 1R7	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0° /120° /240°	240	42
GHBH 5D5 36 1R7	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0° /120° /240°	240	42
GHBH 002 34 AR7	3~	4.5	M8x17	M25x1.5	M16x1.5	M25x1.5	M16x1.5	M10x20	0° /120° /240°	240	32
GHBH 003 34 AR7	3~	4.5	M8x17	M25x1.5	M16x1.5	M25x1.5	M16x1.5	M10x20	0° /120° /240°	240	32
GHBH 004 34 AR7	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0° /120° /240°	240	42
GHBH 5D5 36 AR7	3~	4.5	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	M10x20	0° /120° /240°	240	42
GHBH 003 34 CR7	3~	4.5	M8x17	M32x1.5	M32x1.5	M25x1.5	M16x1.5	M10x20	0° /120° /240°	240	32

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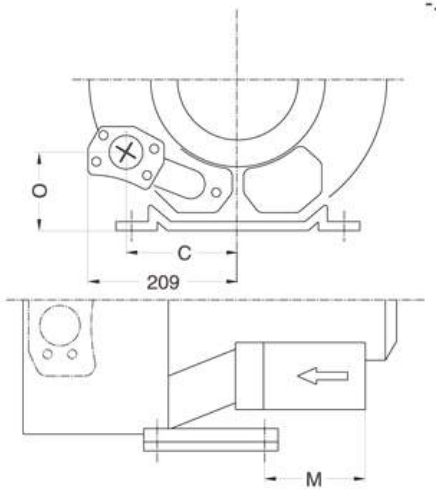
GHBH 2R7.-...7D5.
-...010.



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-...004.
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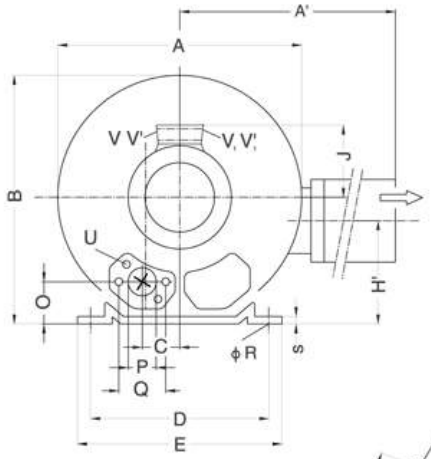

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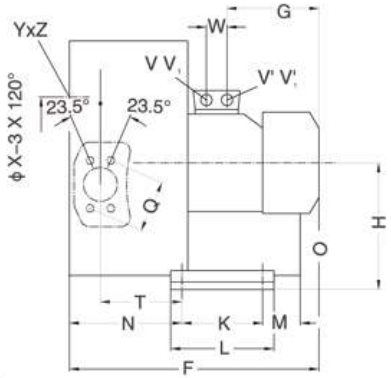

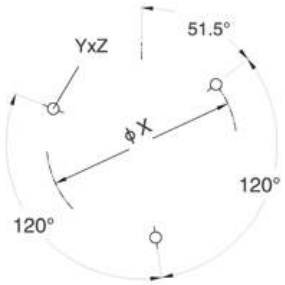

Type	Phases	A	A'	B	C	D	E	F	G	H	H'	J	K	L	M	N	O	P	Q
GHBH 004 34 2R5	3~	372	411	361	60	260	295	463	188	175	144	135	115	155	98	170	48	G2	83
GHBH 5D5 36 2R5	3~	372	411	361	60	260	295	500	224	175	144	135	115	155	98	170	48	G2	83
GHBH 003 34 2R7	3~	426	426	410	63	290	325	473	191	197	162	128	140	180	84	205	53	G2	83
GHBH 004 34 2R7	3~	426	426	410	63	290	325	505	188	197	162	135	140	180	84	205	53	G2	83
GHBH 5D7 36 2R7	3~	426	426	410	63	290	325	526	209	197	162	148	140	180	84	205	53	G2	83
GHBH 7D5 36 2R7	3~	426	426	410	155	290	325	571	226	197	162	167	140	180	204	205	93	G2	83
GHBH 010 36 2R7	3~	426	426	410	155	290	325	571	226	197	162	167	140	180	204	205	93	G2	83

Type	Phases	ϕR	S	T	U	V	V'	V1	V1'	ϕX	YxZ	X-Holes	W
GHBH 004 34 2R5	3~	14	4	115	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	200	M8x15	51.5° /171.5° /291.5°	42
GHBH 5D5 36 2R5	3~	14	4	115	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	200	M8x15	51.5° /171.5° /291.5°	42
GHBH 003 34 2R7	3~	15	4.5	130	M8x17	M25x1.5	M16x1.5	M32x1.5	M32x1.5	240	M10x20	51.5° /171.5° /291.5°	29
GHBH 004 34 2R7	3~	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	240	M10x20	51.5° /171.5° /291.5°	42
GHBH 5D7 36 2R7	3~	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	240	M10x20	51.5° /171.5° /291.5°	42
GHBH 7D5 36 2R7	3~	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	240	M10x20	51.5° /171.5° /291.5°	42
GHBH 010 36 2R7	3~	15	4.5	130	M8x17	M32x1.5	M32x1.5	M32x1.5	M32x1.5	240	M10x20	51.5° /171.5° /291.5°	42

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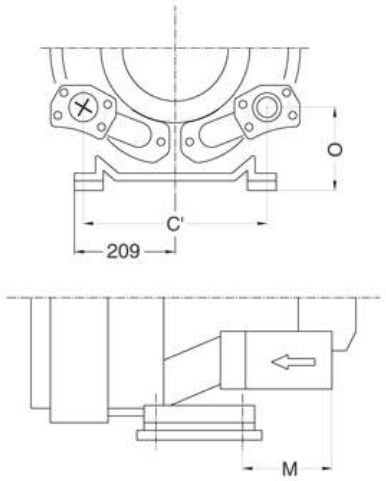
GHBH BR7.-...7D5.
-...010.



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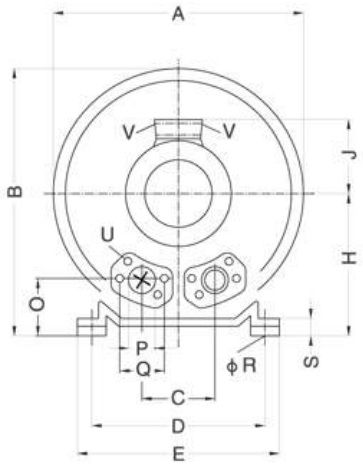

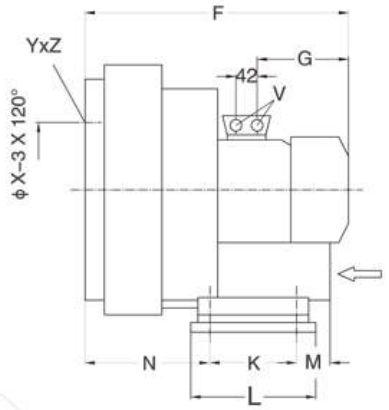

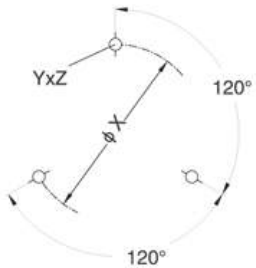

Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N	O
GHBH 5D7 36 BR7	3~	424	469	125		290	325	526	209	257	148	140	180	84	205	112
GHBH 7D5 36 BR7	3~	424	469	125	309	290	325	571	226	257	167	140	180	200	205	153
GHBH 010 36 BR7	3~	424	469	125	309	290	325	571	226	257	167	140	180	200	205	153

Type	Phases	P	Q	ϕR	S	U	V	ϕX	YxZ	X-Holes
GHBH 5D7 36 BR7	3~	G2	83	15	64.5	M8x17	4xM32x1.5	240	M10x20	0° /120° /240°
GHBH 7D5 36 BR7	3~	G2	83	15	64.5	M8x17	4xM32x1.5	240	M10x20	0° /120° /240°
GHBH 010 36 BR7	3~	G2	83	15	64.5	M8x17	4xM32x1.5	240	M10x20	0° /120° /240°

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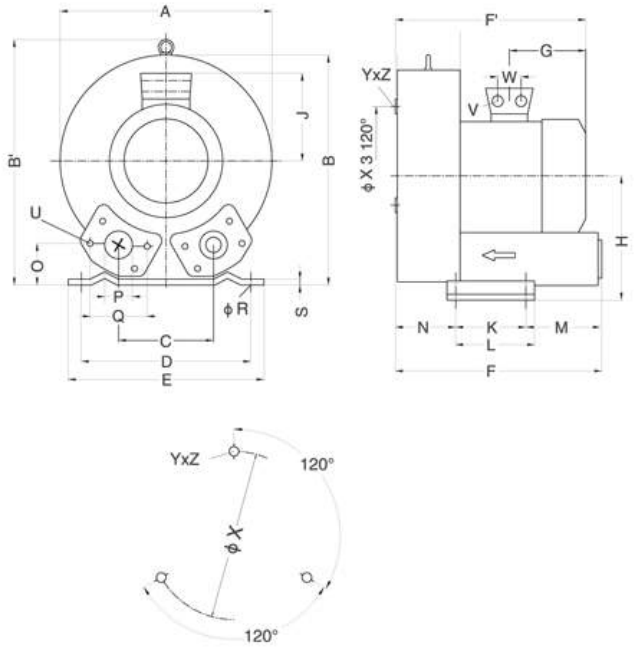
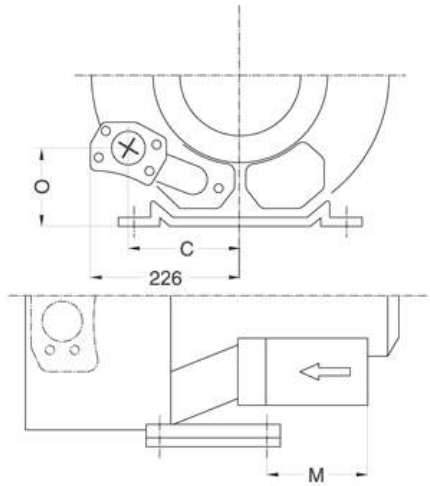
GHBH 1R8./GHBH AR8.



GHBH 2R8 -...015.
-...020.



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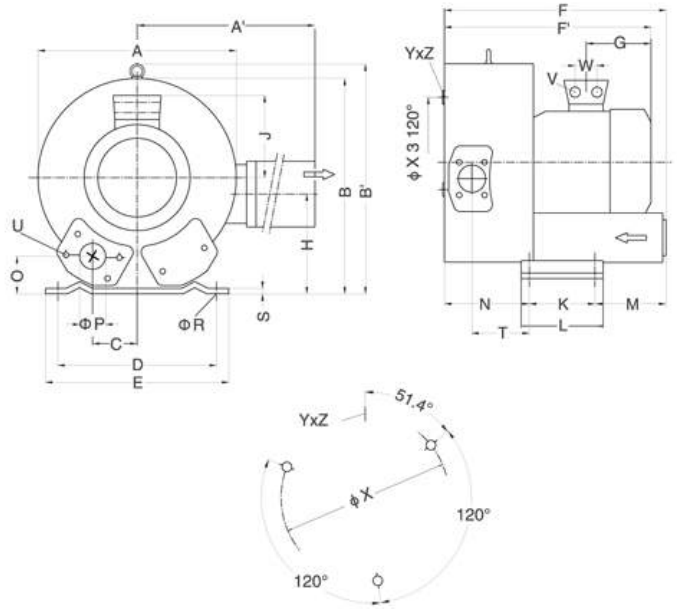

Type	Phases																
		A	A'	B	B'	C	D	E	F	F'	G	H	H'	J	K	L	M
GHBH 5D7 36 1R8	3~	451		461	509	152	356	394	433	450	230	240		148	170	217	140
GHBH 7D5 36 1R8	3~	451		461	509	152	356	394	433	477	247	240		167	170	217	140
GHBH 010 36 1R8	3~	451		461	509	152	356	394	433	477	247	240		167	170	217	140
GHBH 7D5 36 2R8	3~	500	549	490	509	76	356	394	545	589	247	240	199	167	170	217	140
GHBH 010 36 2R8	3~	500	549	490	509	76	356	394	545	589	247	240	199	167	170	217	140
GHBH 015 36 2R8	3~	500	549	490	509	168	356	394	717	694	318	240	199	197	170	217	152
GHBH 020 36 2R8	3~	500	549	490	509	168	356	394	717	694	318	240	199	197	170	217	152
GHBH 5D7 36 AR8	3~	451		461	509	152	356	394	449	466	230	240		148	170	217	140
GHBH 7D5 36 AR8	3~	451		461	509	152	356	394	449	492	247	240		167	170	217	140
GHBH 010 36 AR8	3~	451		461	509	152	356	394	449	492	247	240		167	170	217	140

Type	Phases											
		N	T	O	P	Q	ϕR	S	V	W	ϕX	YxZ	X-Holes
GHBH 5D7 36 1R8	3~	124		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 7D5 36 1R8	3~	124		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 010 36 1R8	3~	124		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 7D5 36 2R8	3~	236	152	65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	51.4° /171.4° /291.4°
GHBH 010 36 2R8	3~	236	152	65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	51.4° /171.4° /291.4°
GHBH 015 36 2R8	3~	236	152	105	G21/2	94	15	6	4xM40x1.5	54	286	M12x20	51.4° /171.4° /291.4°
GHBH 020 36 2R8	3~	236	152	105	G21/2	94	15	6	4xM40x1.5	54	286	M12x20	51.4° /171.4° /291.4°
GHBH 5D7 36 AR8	3~	164		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 7D5 36 AR8	3~	164		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 010 36 AR8	3~	164		65	G21/2	94	15	6	4xM32x1.5	42	286	M12x20	0° /120° /240°

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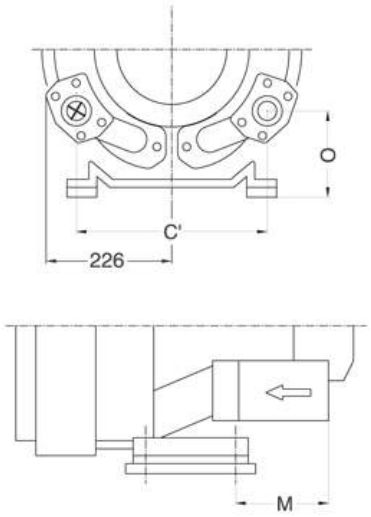
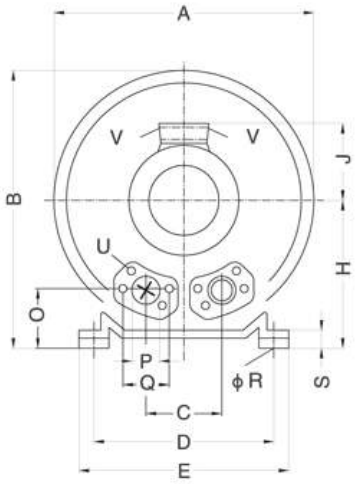
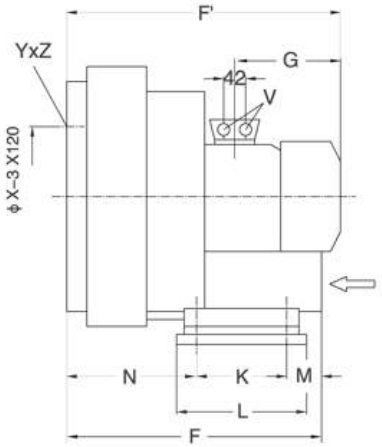
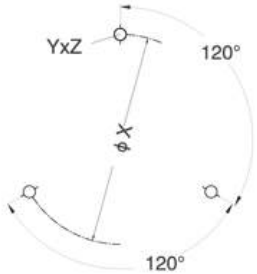
GHBH BR8-...015.



GHBH BR8-...010.







Type	Phases	A	B	C	C'	D	E	F	G	H	J	K	L	M	N
GHBH 010 36 BR8	3~	500	569	152		356	394	545	247	300	167	170	217	140	236
GHBH 015 36 BR8	3~	500	569	152	336	356	394	694	318	300	197	170	217	312	236

Type	Phases	O	P	ϕR	S	U	V	W	ϕX	YxZ	X-Holes
GHBH 010 36 BR8	3~	125	$G2_{1/2}$	15	66	M8x17	4xM32x1.5	42	286	M12x20	0° /120° /240°
GHBH 015 36 BR8	3~	165	$G2_{1/2}$	15	66	M8x17	4xM40x1.5	54	286	M12x20	0° /120° /240°

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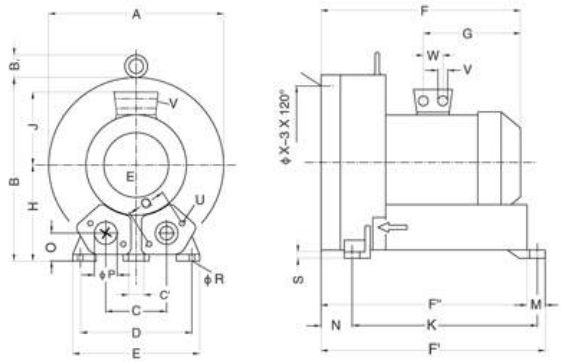
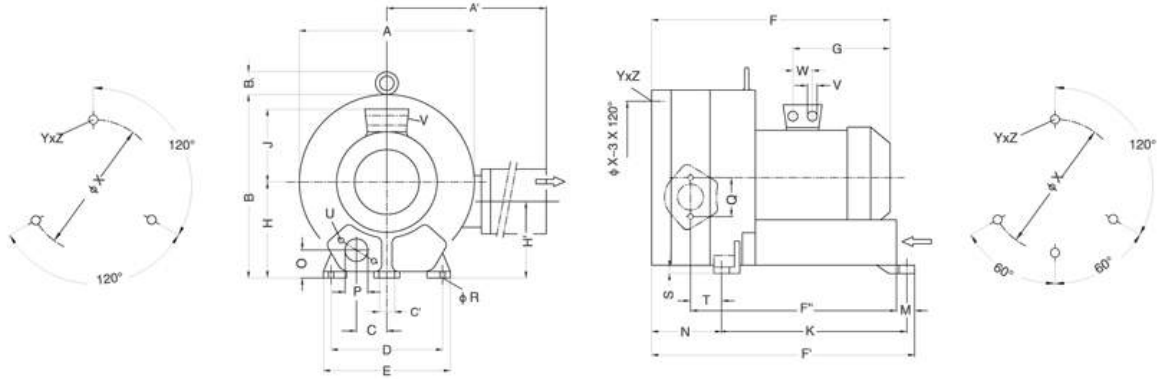
GHBH 1R9./AR9.



GHBH 2R9.



Type	Phases	A	B		C	C'	D	E	F	F'	F"	G	H	J	K	M	N
GHBH 011 36 1R9	3~	550	569	55	207	15	360	415	525	644	605	268	300	167	533	39	89
GHBH 017 36 1R9	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89
GHBH 025 36 1R9	3~	550	569	55	207	15	360	415	611	644	605	345	300	197	533	39	89
GHBH 011 36 AR9	3~	550	569	55	207	15	360	415	563	682	643	268	300	167	533	39	127
GHBH 017 36 AR9	3~	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127
GHBH 025 36 AR9	3~	550	569	55	207	15	360	415	649	682	643	345	300	197	533	39	127

Type	Phases	O	P	Q	ϕR	S	U	V	W	ϕX	YxZ	X-Holes
GHBH 011 36 1R9	3~	92	G4	150	15	20	M10x20	4xM32x1.5	42	490	M12x25	0°/120°/180°/240°
GHBH 017 36 1R9	3~	92	G4	150	15	20	M10x20	4xM40x1.5	54	490	M12x25	0°/120°/180°/240°
GHBH 025 36 1R9	3~	92	G4	150	15	20	M10x20	4xM40x1.5	54	490	M12x25	0°/120°/180°/240°
GHBH 011 36 AR9	3~	92	G4	150	15	20	M10x20	4xM32x1.5	42	490	M12x25	0°/120°/180°/240°
GHBH 017 36 AR9	3~	92	G4	150	15	20	M10x20	4xM40x1.5	54	490	M12x25	0°/120°/180°/240°
GHBH 025 36 AR9	3~	92	G4	150	15	20	M10x20	4xM40x1.5	54	490	M12x25	0°/120°/180°/240°

Type	Phases	A	A'	B	B_1	C	C'	D	E	F	F'	F"	G	H	H'	J	K	M	N
GHBH 017 36 2R9	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230
GHBH 022 36 2R9	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230
GHBH 027 36 2R9	3~	615	780	607	16	103.5	15	360	415	752	786	634	345	300	236	197	533	39	230
GHBH 034 36 2R9	3~	615	780	607	16	103.5	15	360	415	812	786	634	405	300	236	197	533	39	230

Type	Phases	O	P	Q	ϕR	S	T	U	V	W	ϕX	YxZ	X-Holes
GHBH 017 36 2R9	3~	92	G4	150	15	20	117	M12x20	4xM40x1.5	54	490	M12x25	51.4°/171.4°/231.4°/291.4°
GHBH 022 36 2R9	3~	92	G4	150	15	20	117	M12x20	4xM40x1.5	54	490	M12x25	51.4°/171.4°/231.4°/291.4°
GHBH 027 36 2R9	3~	92	G4	150	15	20	117	M12x20	4xM40x1.5	54	490	M12x25	51.4°/171.4°/231.4°/291.4°
GHBH 034 36 2R9	3~	92	G4	150	15	20	117	M12x20	4xM40x1.5	54	490	M12x25	51.4°/171.4°/231.4°/291.4°

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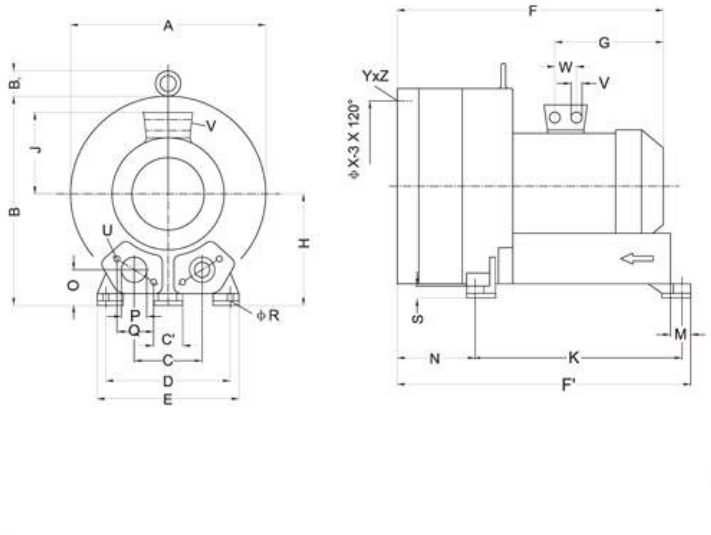
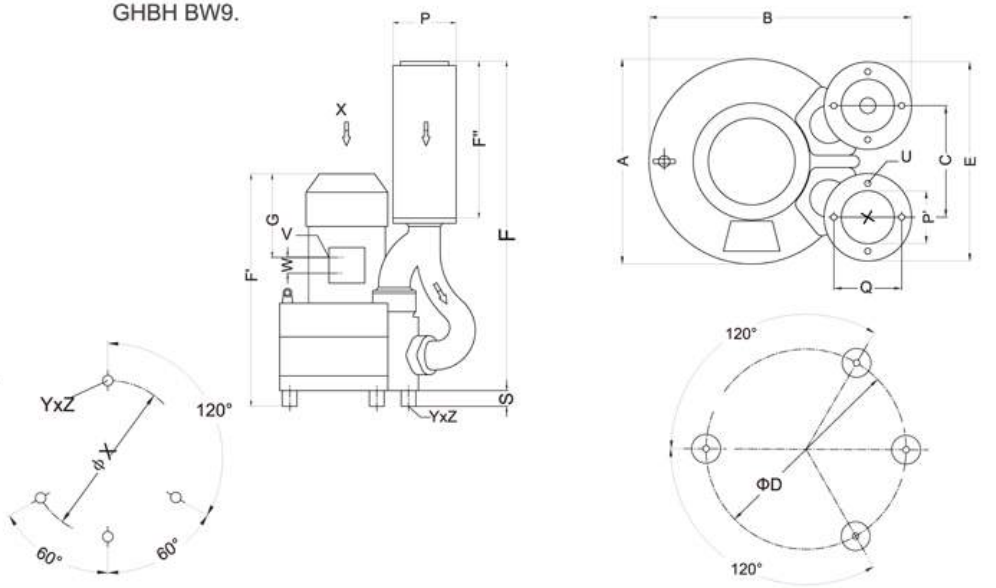
GHBH BR9.



GHBH BW9.



Type	Phases	A	B	B_1	C	C'	D	E	F	F'	G	H	J	K	M	N
GHBH 020 36 BR9	3~	615	645	19	207	15	360	472	752	786	345	340	197	533	39	230
GHBH 027 36 BR9	3~	615	645	19	207	15	360	472	752	786	345	340	197	533	39	230
GHBH 034 36 BR9	3~	615	645	19	207	15	360	472	812	786	405	340	197	533	39	230

Type	Phases	O	P	Q	ϕR	S	U	V	W	ϕX	YxZ	X-Holes
GHBH 020 36 BR9	3~	132	G4	150	15	61	M10x20	4xM32x1.5	54	490	M12x25	0°/120°/180°/240°
GHBH 027 36 BR9	3~	132	G4	150	15	61	M10x20	4xM32x1.5	54	490	M12x25	0°/120°/180°/240°
GHBH 034 36 BR9	3~	132	G4	150	15	61	M10x20	4xM32x1.5	54	490	M12x25	0°/120°/180°/240°

Type	Phases	A	B	C	D	E	F	F'	F"	G	P	P'
GHBH 020 36 BW9	3~	615	722	307	490	526	1201	848	573	291	219	G5
GHBH 027 36 BW9	3~	615	722	307	490	526	1201	848	573	291	219	G5
GHBH 034 36 BW9	3~	615	722	307	490	526	1201	908	573	351	219	G5

Type	Phases	Q	S	U	V	W	YxZ
GHBH 020 36 BW9	3~	201	40	M8x40	4xM40x1.5	54	M12x25
GHBH 027 36 BW9	3~	201	40	M8x40	4xM40x1.5	54	M12x25
GHBH 034 36 BW9	3~	201	40	M8x40	4xM40x1.5	54	M12x25

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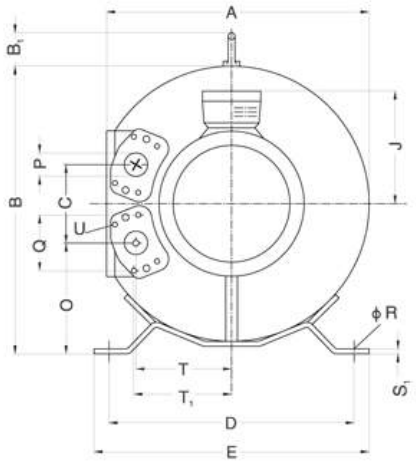
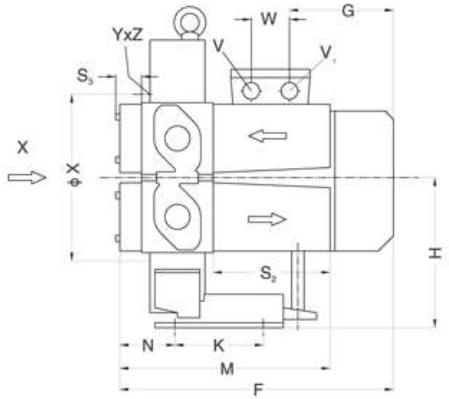
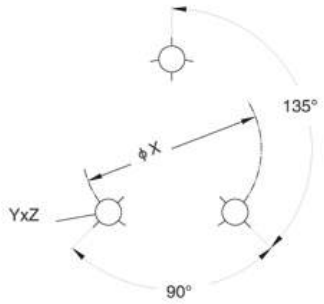
GHBG 1R2./GHBG 1R3./GHBG 1R4./GHBG 1R5./GHBG 1R6.







Type	Phases	A	B	B_1	C	D	E	F	G	H	J	K	M	N	O	P
GHBG D73 34 1R2	3~	294	320	42	88	260	298	295	135	168	111	105	254	67	124	$G1_{1/4}$(18 deep)
GHBG D73 12 1R2	1~	294	320	42	88	260	298	295	135	168	111	105	254	67	124	$G1_{1/4}$(18 deep)
GBHG D73 34 1R3	3~	312	340	42	94	290	325	297	135	178	111	105	258	69	131	$G1_{1/4}$(18 deep)
GHBG 1D2 34 1R3	3~	312	340	42	94	290	325	322	160	178	120	105	258	69	131	$G1_{1/4}$(18 deep)
GHBG 1D7 34 1R4	3~	346	377	42	103	315	350	323	160	197	120	130	261	70	145	$G1_{1/4}$(18 deep)
GHBG 1D7 12 1R4	1~	346	377	42	103	315	350	323	160	197	120	130	261	70	145	$G1_{1/4}$(18 deep)
GHBG 003 34 1R5	3~	366	395	42	114	328	363	363	191	206	128	152	267	70	149	$G1_{1/4}$(18 deep)
GHBG 002 34 1R5	3~	366	395	42	114	328	363	363	191	206	128	152	267	70	149	$G1_{1/4}$(18 deep)

Type	Phases	Q	φR	S_1	S_2	S_3	T	T_1	U	V	V_1	W	φX	YxZ
GHBG D73 34 1R2	3~	64	14	4	139	33	106	109	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GHBG D73 34 1R2	1~	64	14	4	139	33	106	109	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GBHG D73 34 1R3	3~	64	14	4	139	33	114	116	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GHBG 1D2 34 1R3	3~	64	14	4	139	33	114	116	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GHBG 1D7 34 1R4	3~	64	14	4	139	33	125	127	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GHBG 1D7 12 1R4	1~	64	14	4	139	33	125	127	M6x17	M16x1.5	M25x1.5	29	153	M6x15
GHBG 003 34 1R5	3~	64	14	5	139	33	138	140	M6x17	M16x1.5	M25x1.5	29	192	M8x15
GHBG 002 34 1R5	3~	64	14	5	139	33	138	140	M6x17	M16x1.5	M25x1.5	29	192	M8x15

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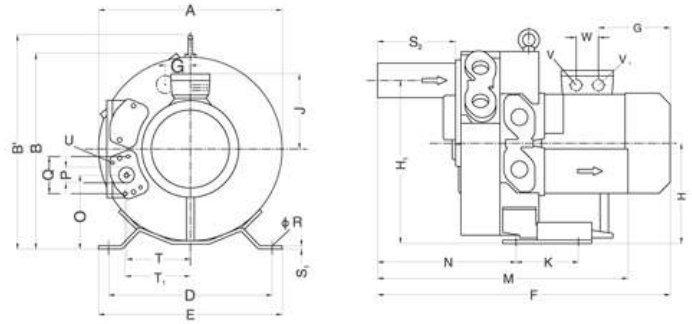
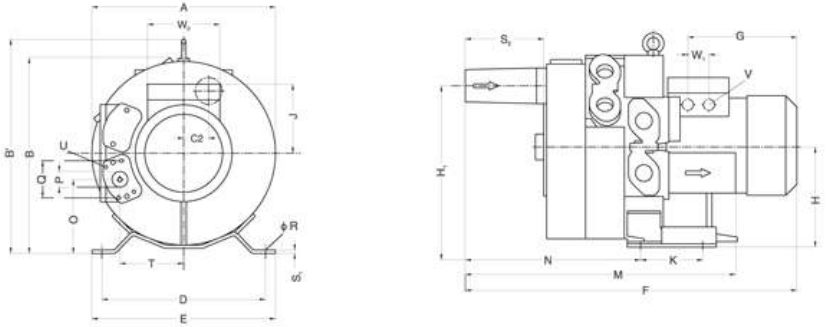
GHBG 2R2./GHBG 2R3./GHBG 2R4./GHBG 2R5./GHBG 2R6./GHBG 3R6.



GHBG 3R6.



Type	Phases	A	B	B'	C2	D	E	F	G	H	H1	J	K	M	N	O
GHBG 1D2 34 2R2	3~	317	326	364`	43	260	298	469	135	168	274	111	105	426	241	124
GHBG 002 34 2R2	3~	317	326	364	43	260	298	525	191	168	274	128	105	426	241	124
GHBG 002 34 2R4	3~	363	377	420	52	315	350	529	191	197	321	128	130	435	244	145
GHBG 4D4 34 2R4	3~	363	377	420	52	315	350	554	218	197	321	128	130	435	244	145
GHBG 003 34 2R5	3~	385	400	438	57	328	363	549	191	206	343	128	152	452	256	149
GHBG 5D5 36 2R5	3~	387	400	438	57	328	363	601	209	206	343	148	152	452	256	149
GHBG 4D4 34 2R6	3~	440	457	494	63	371	406	578	218	236	388	128	152	458	258	173
GHBG 7D5 36 2R6	3~	440	457	494	63	371	406	643	249	236	388	148	152	458	258	173

Type	Phases	P	Q	φR	S_1	S_2	S_3	T	T_1	U	V	V_1	W
GHBG 1D2 34 2R2	3~	$G1_{1/4}$(18 deep)	64	14	4	139	33	105	109	M6x17	M16x1.5	M25x1.5	29
GHBG 002 34 2R2	3~	$G1_{1/4}$(18 deep)	64	14	4	139	33	105	109	M6x17	M16x1.5	M25x1.5	29
GHBG 002 34 2R4	3~	$G1_{1/4}$(18 deep)	64	14	4	139	33	125	127	M6x17	M16x1.5	M25x1.5	29
GHBG 4D4 34 2R4	3~	$G1_{1/4}$(18 deep)	64	14	4	139	33	125	127	M6x17	M25x1.5	M16x1.5	29
GHBG 003 34 2R5	3~	$G1_{1/4}$(18 deep)	64	14	5	139	33	137	140	M6x17	M25x1.5	M16x1.5	42
GHBG 5D5 36 2R5	3~	$G1_{1/4}$(18 deep)	64	14	5	139	33	137	140	M6x17	2xM32x1.5	M16x1.5	42
GHBG 4D4 34 2R6	3~	$G1_{1/4}$(18 deep)	64	14	5	139	33	153	155	M6x17	M25x1.5	M16x1.5	29
GHBG 7D5 36 2R6	3~	$G1_{1/4}$(18 deep)	64	14	5	139	31	153	155	M6x17	2xM32x1.5	M16x1.5	42

Type	A	B	B'	C2	D	E	F	G	H	H_1	K	M	N	O
GHBG 010 36 3R6	440	457	494	63	371	406	717	268	236	388	152	538	338	173

Type	P	J	φR	S_1	S_2	T	U	V	W_1	W
GHBG 010 36 3R6	$G1_{1/4}$(15 deep)	167	14	5	139	153	M6x17	M32x1.5	42	120

Note: 1. The Catalogue only for reference, If there are differences, please confirm by the practicalities.
2. The specifications are subject to change by the manufacturer without prior notice.

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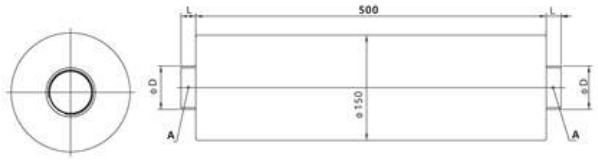
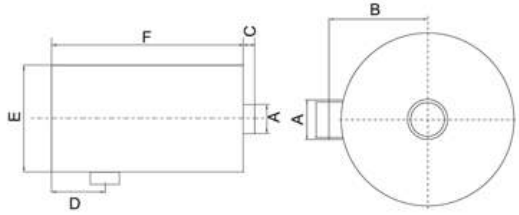
Muffler



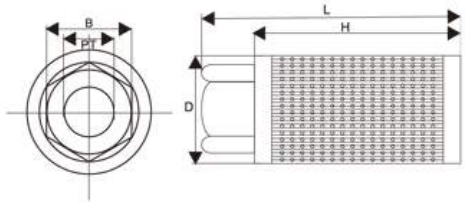
Model	A	D(mm)	L(mm)
FLS-12	G1 1/4"	40	17
FLS-15	G1 1/2"	48	19
FLS-20	G2"	62	21
FLS-25	G2 1/2"	78	24
FLS-40	G4"	125	40

Filtering barrels



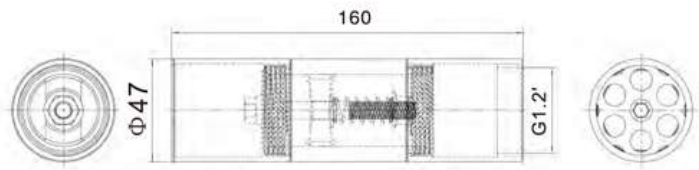
	FLS-15-12-02	FLS-15-15-02	FLS-25-15-02	FLS-25-20-02	FLS-25-25-02	FLS-40-40-02
A	G 1 1/4	G 1 1/2	G 1 1/2	G 2	G 2 1/2	G 4
B	E /2+C	E /2+C	E /2+C	E /2+C	E /2+C	E /2+C
C	17	17	19	21	24	40
D	75	75	156	156	156	257.5
E	150	150	280	280	280	550
F	268	268	312	312	312	515

Air Filter



Model	PT	D (mm)	L (mm)	H (mm)	B (mm)	Filtration precision	Flow (m³/h)	Weight (Kg)
MF-08	1	58	170	155	42	100	110	0.20
MF-10	1 1/4"	71	186	170	54	100	210	0.35
MF-12	1 1/2"	85	196	182	65	100	285	0.49
MF-16	2	103	215	202	75	100	395	0.65
MF-20	2 1/2"	148	274	252	97	100	750	1.20
MF-32	4	208	380	357	142	100	1000	2.45

Pressure Relief Valve



Model	Caliber	L (mm)	Specifications
RVG-1.2	G 1 ¼	160	12 - 80Kpa

Goorui special customized Series

Goorui not merely providing a high pressure blower but also the whole solution to solve the vacuum problems. With more than 15 year's ripe experience in vacuum process industry, Goorui also made outstanding achievements in other specific industries. Depends on the abilities of on-site investigation, independent transformation and project improvement, Goorui are dedicated in providing the tailor-made high-efficiency supporting system and integrative service to make the clients' vacuum management system more intelligent and humane. We will do our best to meet all your requirements.

Professional vacuum solutions for Germany customers.

French SOS Rescue Helicopter specific solutions

PCB acid & alkali resistant solution

Petroleum, oil field specific solutions

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Goorui Tailor-Made products

Based on clients' requirements, Goorui design the special models such as anti-corrosion blower,Anti-Explosion Blower, dust-free blower, Water-Cooling blower etc.. to help solve clients' problem.

Anti-corrosion blower

Application: Anti-corrosion blowers are mainly used in environment with corrosive gas or particles.

Advantages:
1. Avoid corrosive gas damaged the blower;
2. Ensure the blower can continuously running;
3. Increase the service life of blower.

Anti-explosion blower

Application: Anti-explosion blowers are mainly used in explosive atmosphere environment.

Advantages:
1. The special-designed separate structure and flange construction can ensure the gas tightness and the stable operating of the impeller, lower the friction risk between impeller and pump body, further increase the service life of the blower.
2. Flexible connecting the motor shaft and impeller drive shaft, connecting the pump body and motor through the flange which can avoi d transmission media leakage, better protect the motor and blower.

Goorui special customized blower used in various industries

Goorui special customized blower used in medical industry

Application: Mainly used in suction system in dentistry.

Advantage: Special design of extending the motor drive shaft to the pump outside and adding the mixing plant in the front shaft, the blower is equipped in solid-liquid separating device to ensure the thorough separation of the liquid, solid and gas; Reduce the maintenance time and further extend the service life of the blower.

Goorui special customized blower used in Vacuum Glove box

Application: Goorui special customized blower used in vacuum glove box are mainly for eliminating the organic gas, O2 and H20..

Advantages:

1. Special sealing treatment can reduce the risk of gas leakage to protect the blower, lower the cost.
2. Higher anti - temperature lever: Insulation Class H.
3. Special structure of putting the bearing in the middle between pump body and motor which can reduce the risk of the dry gas damage the grease of bearing, increase the service life of blower.

Goorui special customized blower used in Paper Machinery Industry

Application: Packing machine for household paper; Removable tissue machining; Baby diapers production line and packing machine; Paper making industry.

Advantages:

1. Special design and modify the blower to ensure it has more stable performance in extreme high vacuum environment.
2. This special customized blower has higher anti-dust property.

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High pressure blower applications :


Welding Fume Extraction


Vacuum Filtration


Pneumatic Conveying


Biogas Transfer


Glass Machinery


Wastewater Treatment


Central Feeding


Air Purification


Vacuum Lifting

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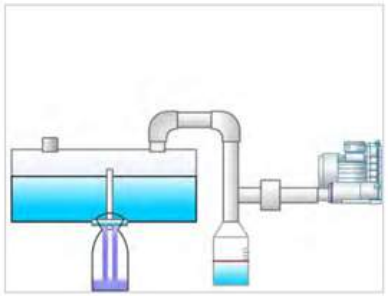
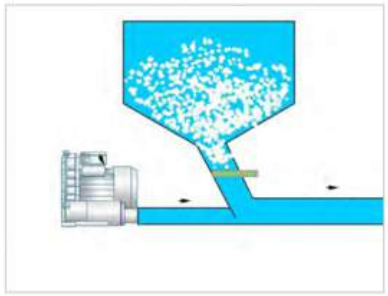
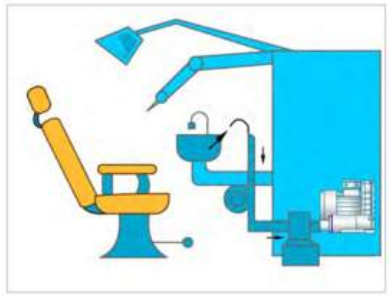
High pressure Blower Applications:



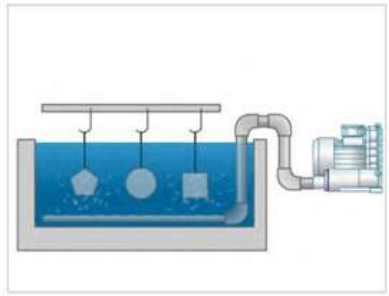
Bottling Equipment



Feeder Equipment

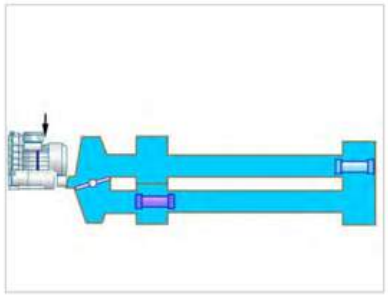


Dental Equipment

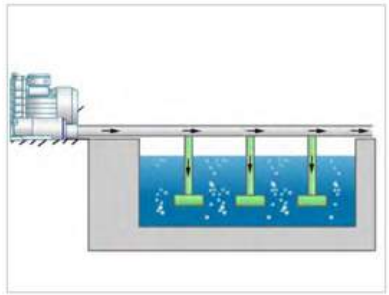


Electroplating Equipment

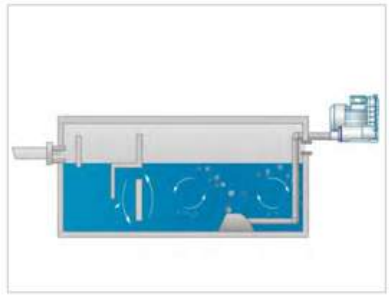
Jacuzzi Spa Equipment



Washing Blowing Equipment



Aquaculture Equipment



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Statement

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www.goorui.com

Thanks for choosing Goorui High Pressure Blower!

About the color of blower, please in kind prevail.

Should you have any questions please call national hotline for free at: **400-887-1011**

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