



GODO TRADING COMPANY LIMITED

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PRODUCT SELECTION GUIDE

GODO TRADING COMPANY LIMITED

Development History

Integrity and innovation, sustainable development

- In 2020
GODO Manufacturing Co., Ltd.was certified as a national high-tech enterprise.
15,000m² new plant was completed in Jiashan county.
- In 2019
GODO Manufacturing Co., Ltd. was awarded the "Top Ten Specialized , Fine, Characteristic, Novel Enterprises" and "Demonstration Enterprise of Technological Innovation and Achievement Transformation" title.
The number of domestic branches under Bianfeng Machinery Group Co.,ltd reaches 30.
- In 2018
The total number of enterprise patents exceeded 50.
The first overseas branch—Vietnam Hanoi branch was established.
- In 2016
Bianfeng Machinery Group Co., Ltd. was formally established.
The Production base in Xitang town,Jiashan county was established.
- In 2015
Shanghai Bianfeng Pump Manufacturing Co., Ltd.obtained the national high-tech enterprise certification.
The pneumatic diaphragm pump series have obtained explosion-proof certification.
Diaphragm pump products have obtained the EU CE certification.
- In 2013
Bianfeng Pump Manufacturing Co., Ltd. passed the ISO9001 international quality system certification.
- In 2009
GODO's third-generation diaphragm pump was successfully put into the market.
- In 2005
Shanghai Bianfeng Pump Manufacturing Co., Ltd. was formally registered and established.
- In 2000
Bianfeng's second-generation pneumatic diaphragm pump came out.
- In 1990
Bianfeng's predecessors took the lead in establishing a diaphragm pump processing workshop in China.

Quantity of patent is Bianfeng subsidiary relevance patent total quantity for enterprise

ABOUT US

Bianfeng Machinery Group Co., Ltd., which headquartered in Shanghai and was founded in 1990, whose manufacturing center is in Jiashan, Zhejiang, is a professional manufacturer of diaphragm pumps integrating research and development, production, sales and service.

The company has obtained the national "high-tech" enterprise certification, Zhejiang Made “Defined Quality” certification, intellectual property management system certification. So far, it has 107 patents including 4 invention patents, 4 software copyrights, and obtained national "explosion-proof products qualified" certification and EU CE certification. The company is the main drafting unit of Zhejiang pneumatic diaphragm pump group standard (T/ZZB2345-2021) and Jiashan County occupation skill level identification pilot enterprise. It passed the ISO9001 international quality system certification, ISO14001:2015 environmental management system certification, ISO:45001:2018 occupational health and safety management system certification. It is Jiashan County top ten specialized and special new (invisible champion) enterprise and technological innovation and achievement transformation demonstration enterprise.

Since its founding, the company has always adhered to the business philosophy of "science and technology constitute a primary productive force", continuously invested in product function iteration and innovation and product quality upgrade, adhered to the continuous improvement and optimization of products. It has successfully launched the third generation of pneumatic diaphragm pump (QBY3) and electric diaphragm pump (DBY3) series products, with no seal, explosion-proof, low shear, easy maintenance, allow idling, light, self-priming start, multi-material selection and other advantages. In 2018, the group put forward the joint development strategy of "selling a generation, trying a generation, thinking a generation". In 2020, the group formed an alliance with Shanghai Institute of Technology and established a joint laboratory. A state-level "Innovation Technology Center" has been set up to deepen industry-university-research and promote the transformation of scientific and technological achievements. With more than 30 years of experience and technology, the company has successfully launched a new generation of BFQ series pneumatic diaphragm pump and BFD series electric diaphragm pump, which has larger flow and the position of the inlet and outlet can also be adjusted according to the working conditions, and a new generation of GODO muffler was used, diaphragm rupture alarm device can be customized. The new series products are widely used in chemical industry, environmental protection, oil field, pharmaceutical, food, metallurgy, paper making, electric power, printing and dyeing and other fields. In particular, BFD series electric diaphragm pump is favored by users in new energy and lithium electricity industries.

The company has always been based on the promotion of national brands, focus on precision production. At the same time of product upgrading and research and development, the company has established a sound marketing service system in the country, providing "safety, warmth and happiness" comprehensive and meticulous "three heart" service in product selection, troubleshooting, after-sales maintenance and other service links. It has established 28 domestic branches and 3 overseas branches, and will have 200 branches in the coming period. The company has been widely praised by customers at home and abroad for its high quality and perfect after-sales service, the products are sold to more than 30 provinces and cities in China and the United States, Russia, Argentina, Australia, Vietnam, Thailand, Indonesia and other foreign markets.

We sincerely thank our customers, suppliers and friends from all walks of life who have been believing, supporting and helping us for more than 30 years. Under your support and witness, we will never forget our original aspiration, constantly improve the technological content of products, constantly innovate technology, constantly improve service level and create value for customers and contribute our own strength for the brilliant tomorrow of national industrial brand.



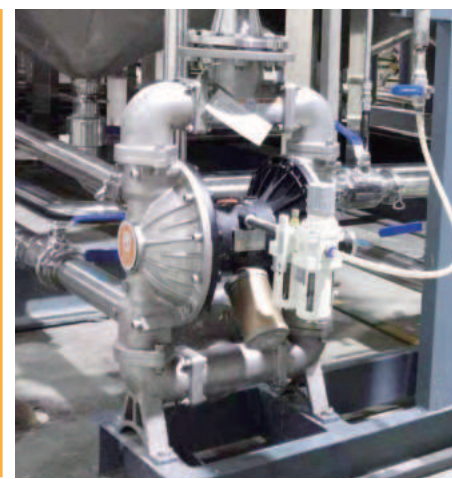
SAMPLE PROJECT



ENTHUSIASTIFUL SERVICE



ENERGY
ENVIRONMENTAL



EXPLORING



Integrity & innovation



Sustainable development



Wisdom leads the times, faith wins the future.

**GODO Brand
Always Moving Forward**

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SCOPE OF APPLICATION

- Oil tanker / passenger car / train discharging
 - Chemical industry production
 - Waste water disposal/liquid filter
 - Large tank/tank area transportation
 - Ordinary transportation/supply
 - System flush
 - Batch processing / mixing
 - Package/filler
 - Circulation/recycle

Q : Why choosing generation III pneumatic diaphragm pumps?

A : ♦Unsealed design

- ♦Anti-explosion
- ♦Low shear rate
- ♦Easy to repair
- ♦Allow for idling
- ♦Light and convenient
- ♦Self-priming start
- ♦Multi-material selection, suitable for various materials

Q : Why choosing Bianfeng Generation III penumatic diaphragm pumps?

A : ♦In the field, BF has the lowest whole life cost.

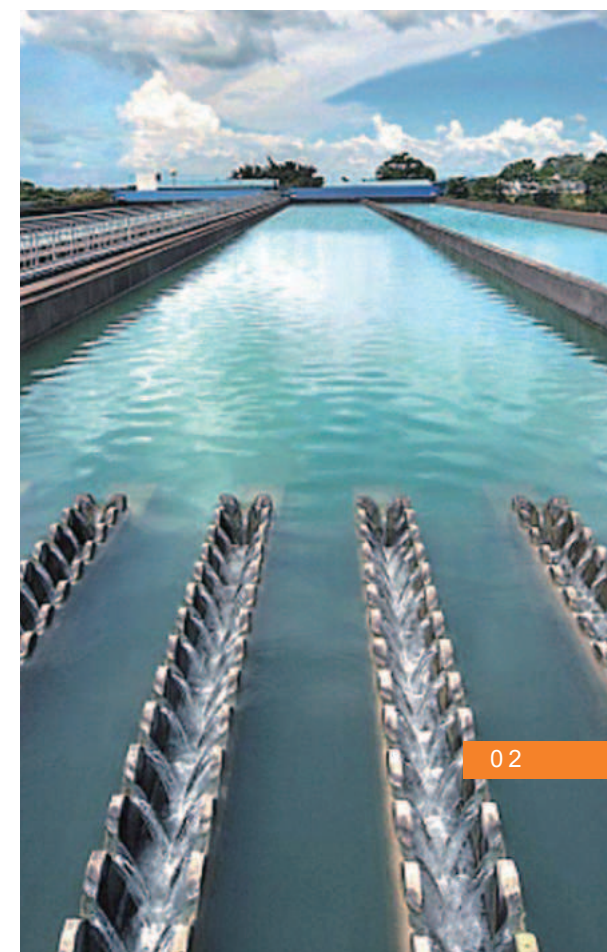
- ♦Worldwide distribution of sales and service network.

General Industry and OEM Equipment

Maritime	discharge and transportation	♦ Sewage ♦ Sea water ♦ Diesel oil
Electricity	discharge and transportation	♦ Waste water ♦ Strong alkaline ♦ Strong acid
Automobile	discharge and transportation	♦ Sealant ♦ Plating liquor ♦ Adhesive ♦ Solvent ♦ Paint
Chemical industry production	supply and transportation	♦ Soap ♦ Printing Ink ♦ Paint/dye ♦ Shear-sensitive materials ♦ Cleaning Agent ♦ Cleaning/Polishing ♦ Binder
Mine	discharge	♦ Sewage ♦ Turbid water ♦ Thin slurry
Medicine	supply and transportation of food and medicine meterial	♦ FDA material



01



02



QBY3/BFQ pneumatic diaphragm pump has an air reversing valve which has a simple and highly reliable design, so that the entire QBY3/BFQ series products can achieve maximum stability in a variety of applications.

The reversing valve is a three-way pilot valve, which can ensure "no sticky" in the real sense. All valve components can be replaced without opening the liquid chamber. Aluminum components are anodized and coated with epoxy to resist corrosion caused by dirty air.

Advantages

- It can be used in the case of bad air source. The slider in the reversing valve is durable and not easy to damage.
- The air path is unobstructed. The air path of each model of pneumatic diaphragm pump is barrier-free, ensuring the flexible commutation.
- 100% externally maintainable reversing valve.
- Compared to other double diaphragm pumps, there are very few moving parts.
- Pilot-type reversing valve has a very long mechanical life, which can guarantee the day to day operation.
- A reversing valve is suitable for a variety of specifications of pumps.

SUPERIORITIES

Fluid Intermiscibility

The case material provided includes stainless steel, cast steel, polypropylene, aluminum alloy and so on.

Reasonable Sealing Design

Diaphragm could be tightly located and it causes positive liquid sealing effect in pressure-stip forming.

Heavy Diaphragm Plate

Clamping reliable diaphragm plate can eliminate any leakage and drop and avoid expensive stop operation time.

Valve Rod Design

The stainless valve rod has a longer working life and it has a good anti-corrosion function even in humid air condition.

Easy to Locate

Bolt connected, self-positioning air and fluid parts.

Selection Of Elastic Material

Various selections of valve seats and valve balls can ensure the fluid intermiscibility and reliable sealing which can improve efficiency, ensure a long working life and better suction height.

Unique-patent Air Valve

It adopts pilot-type air valve which can eliminate the problem of shut-down and there is no need to open internal cavity for the replacement of all parts.

Convenient Maintenance

It can reduce the waste of resources by lower inner capacity and is easy to clean; provide reasonable positioning, which is convenient to reassemble.

Precision Parts

The wear-resistant end bearing ensures proper valve rod positioning and easy replacement.

Compact External Structure

The whole structure is durable, leak-proof, easy to change material and clean. Impregnated parts and air chamber treated by special process can withstand harsh working environment.

Protected Drain Outlet

All drain outlets use a common end to prevent indoor vaporized liquid from corroding the air motor seal, facilitating idling during tank loading or unloading operations.

Fluid Contact Parts Materials

Cast Steel	Nodular Cast Iron	Aluminum Alloy	Engineering Plastics	Stainless Steel 304	Stainless Steel 316	Stainless Steel 316L	PVDF
G	Q	L	S	P	P316	P316L	F

Diaphragm Materials

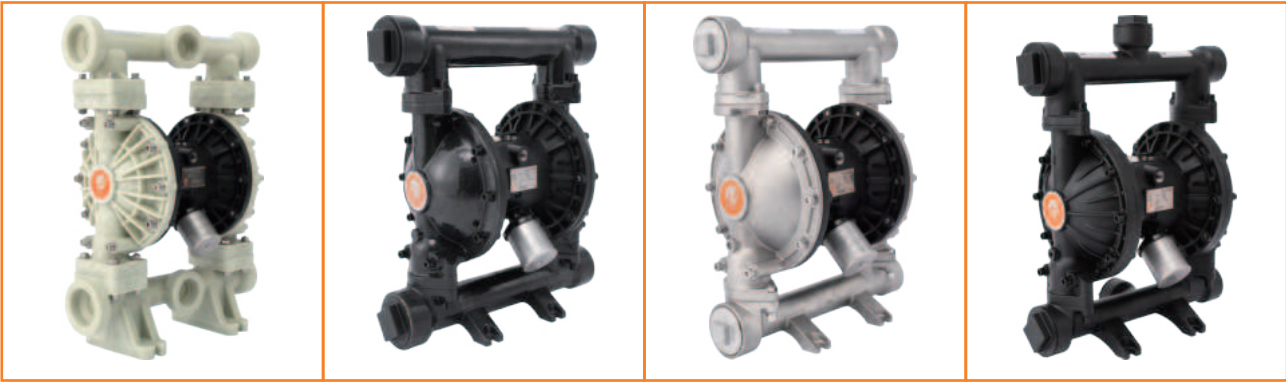
Butyronitrile	Santoprene	Polyether	Teflon	Super Teflon
D	A	M	T	N
Santoprene +Teflon	Santoprene +Super Teflon	Polyether +Teflon	Polyether +Super Teflon	
T	N	K	H	

Valve Ball Materials

Butyronitrile	Santoprene	PTFE	Stainless Steel 304	Stainless Steel 316	Stainless Steel 316L	Engineering Plastics
D	A	F	P	P316	P316L	S

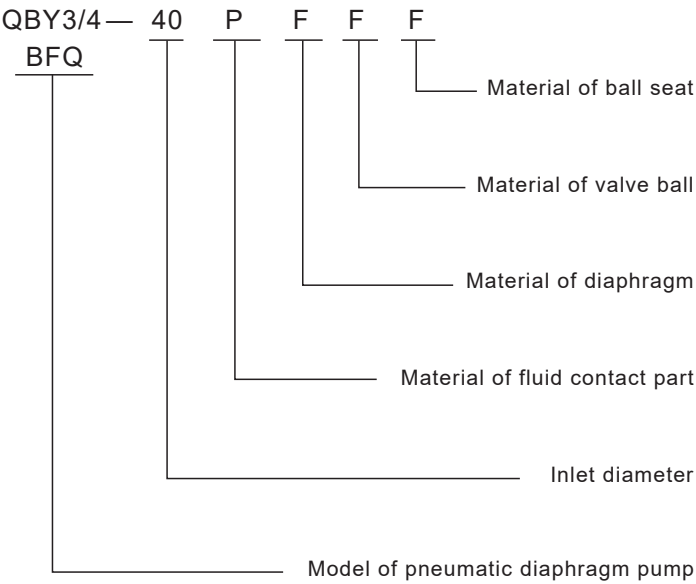
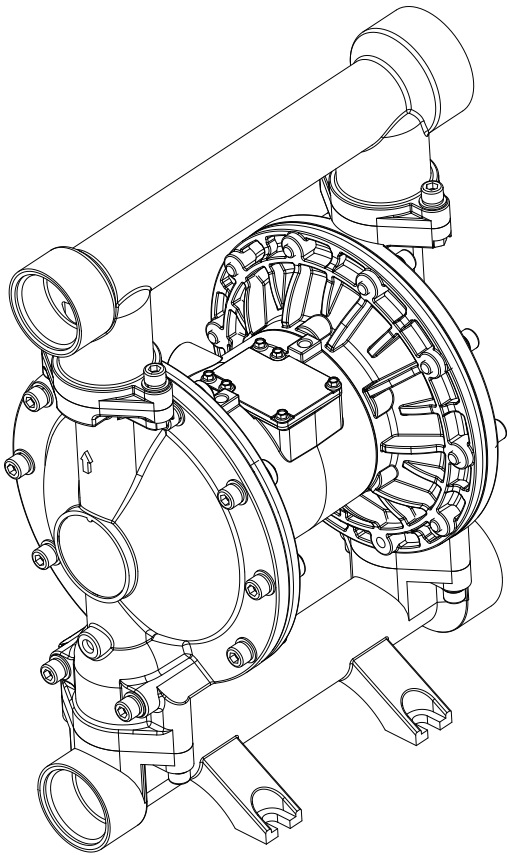
Ball Seat Materials

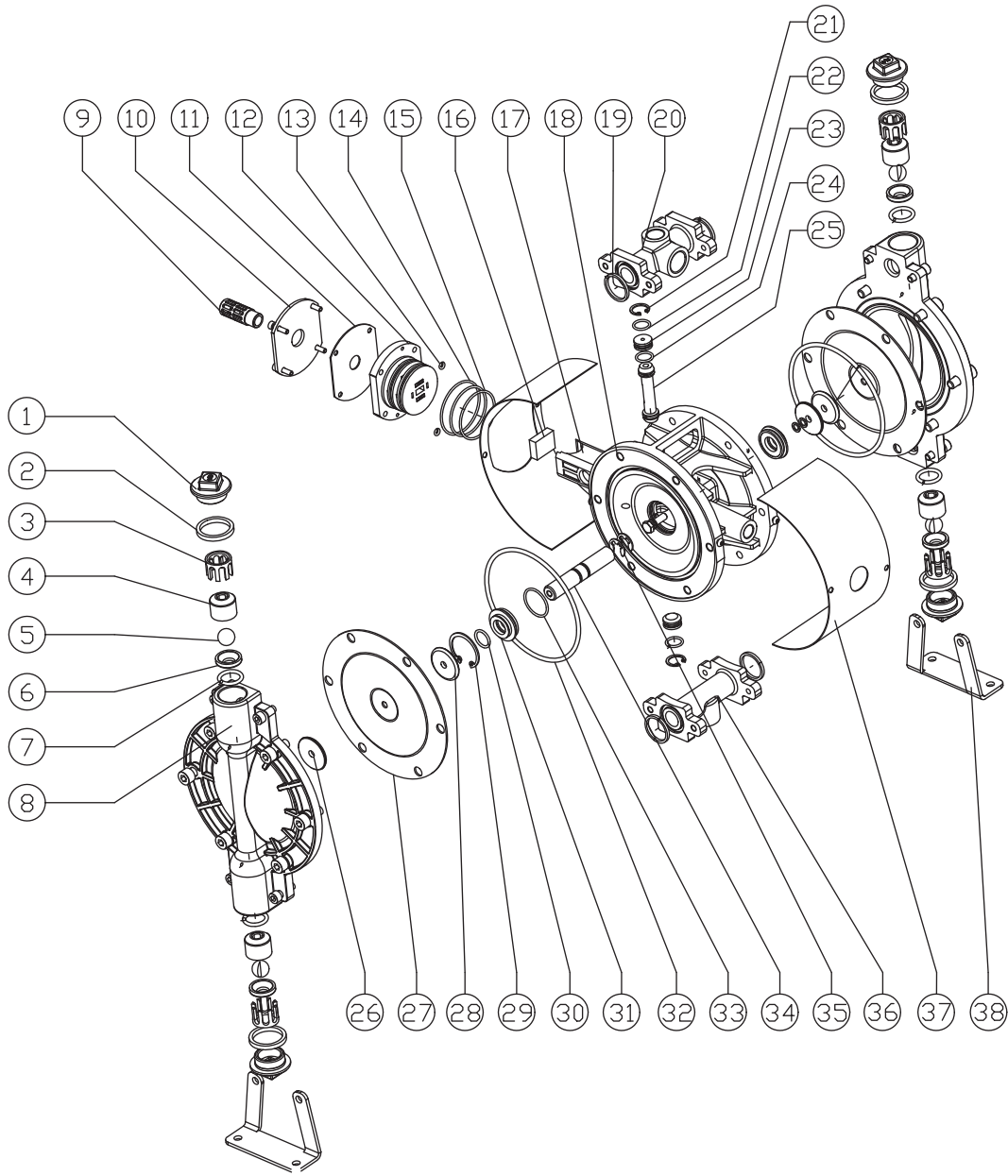
Butyronitrile	Santoprene	PTFE	Stainless Steel 304	Stainless Steel 316	Stainless Steel 316L	Engineering Plastics
D	A	F	P	P316	P316L	S



MODEL SIGNIFICANCE

Model Significance





Aluminum alloy

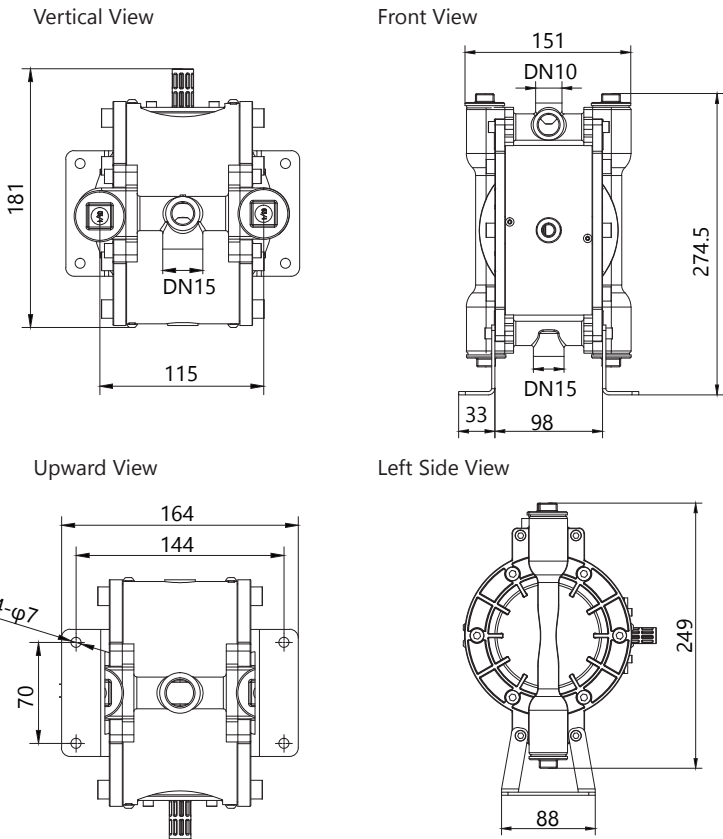
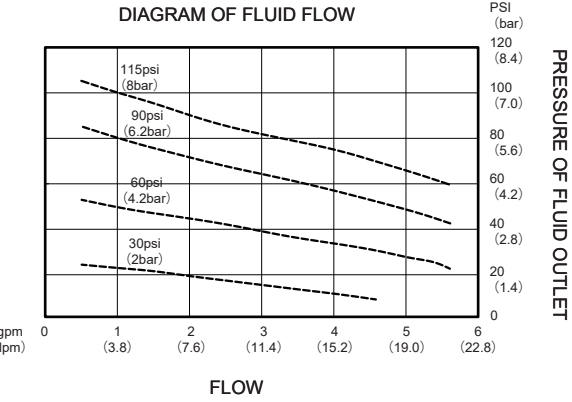
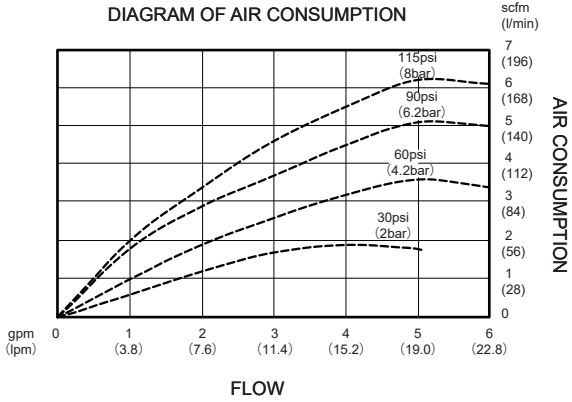
QBY4-15

Aluminum alloy / Stainless steel / Cast steel

Specifications

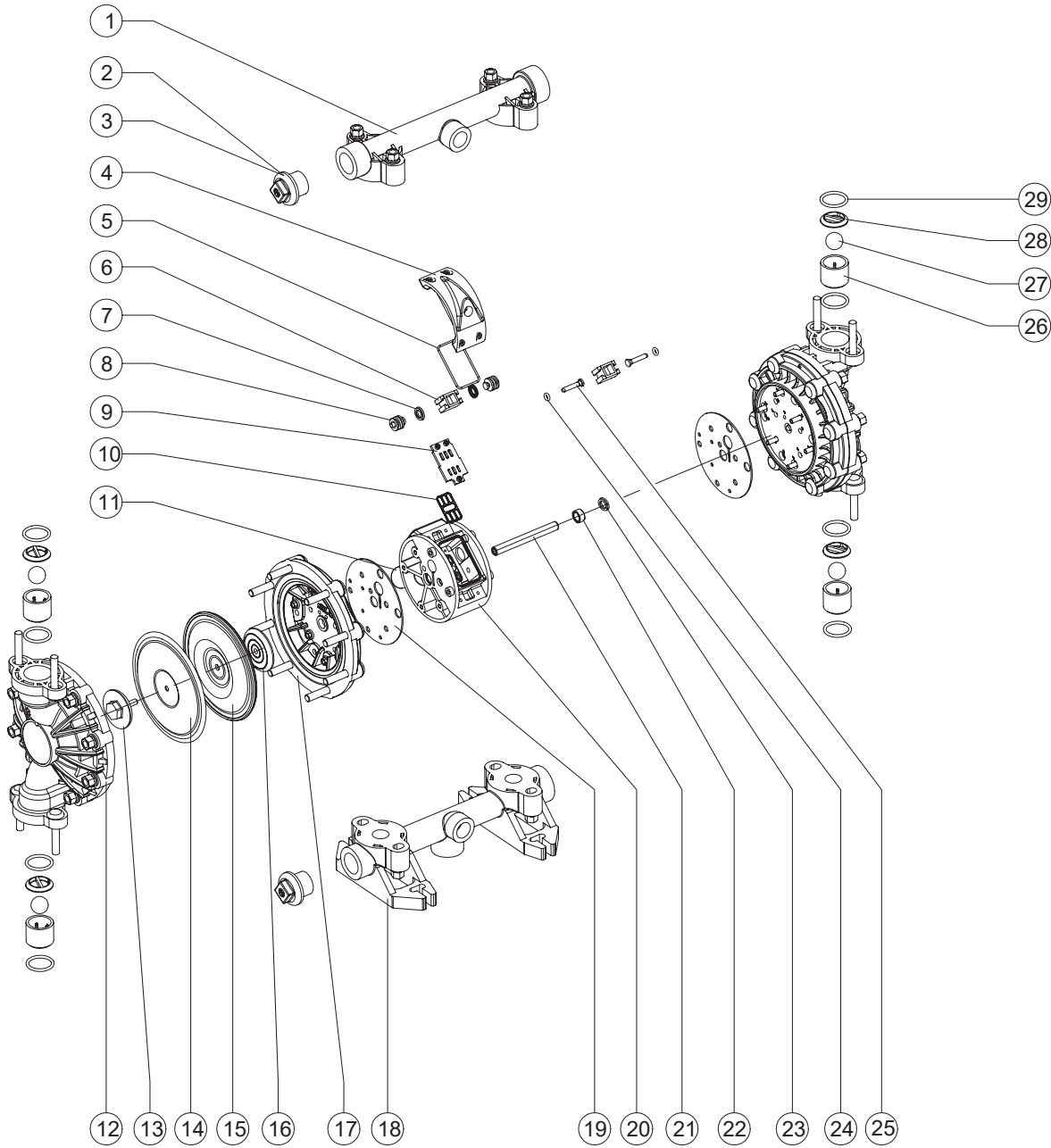
	QBY4-10	QBY4-15
Max. Flow Rate	22 lpm	22 lpm
Max. Head	70 m	70 m
Max. Suction Height	4.0 m	4.0 m
Max. Working Pressure	7 bar	7 bar
Fluid Inlet/Outlet Size	DN10 (3/8")	DN15 (1/2")
Air Inlet Size	1/4"G (bspp)	1/4"G (bspp)
Max. Particle Size	1.5 mm	1.5 mm
Max. Air Consumption	0.18 m³/min	0.18 m³/min
Air Compressor Power	2.2 kw	2.2 kw
Every Reciprocating Flow	0.06 L	0.06 L
Max. Reciprocating Speed	372 cpm	372 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



No.	Name	No.	Name	No.	Name	No.	Name
01	Aluminum Alloy Plug	02	Plug Sealing Ring	03	Aluminium Alloy Bushing	04	Ball Sleeve
05	PTFE Ball	06	Ball Seat	07	Ball Seat O-ring	08	Aluminium Alloy Stand Column
09	Muffler	10	Air Valve Cover Plate	11	Air Valve Cover Washer	12	Air Valve Cover
13	Air Valve Chamber Small O-ring	14	Air Valve Cover O-ring	15	Air Valve Protecting Cover A	16	Small Slider
17	Large Slider Seat	18	Air Valve Chamber	19	Sealing Ring	20	Aluminium Alloy Outlet Manifold
21	Piston Plug Circlip	22	Piston O-ring	23	Piston Plug	24	Piston O-ring
25	Piston	26	Stainless Steel Outer Splint	27	Teflon Diaphragm	28	Iron Inner Splint
29	Connecting Rod Axis Sleeve Circlip	30	Connecting Rod Axis Sleeve Small O-ring	31	Connecting Rod Axis Sleeve	32	Diaphragm Sealing Ring
33	Connecting Rod Axis Sleeve Large O-ring	34	Connecting Rod Axis	35	Connecting Rod Axis Circlip	36	Aluminium Alloy Inlet Manifold
37	Protecting Cover B	38	Supporting Leg				

Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	Plug	03	Plug Sealing Ring	04	Air Valve Cover
05	Air Valve Cover O-ring	06	Small Slider	07	Piston Sleeve	08	Piston
09	Boot Block	10	Boot Block Washer	11	Muffler	12	Stand Column
13	Outer Splint	14	Teflon Diaphragm	15	Santoprene Diaphragm	16	Inner Splint
17	Clap Board	18	Inlet Manifold	19	Air Valve Chamber Washer	20	Air Valve Chamber
21	Connecting Rod Axis	22	Connecting Rod Axis Sleeve	23	V-ring	24	Booster Power Lever O-ring
25	Booster Power Lever	26	Ball Seat Sleeve	27	Ball Valve	28	Ball Seat Baffle Plate
29	Ball Seat Sealing Ring						

QBY3-20
QBY3-25

Engineering plastics/Fluorine plastic

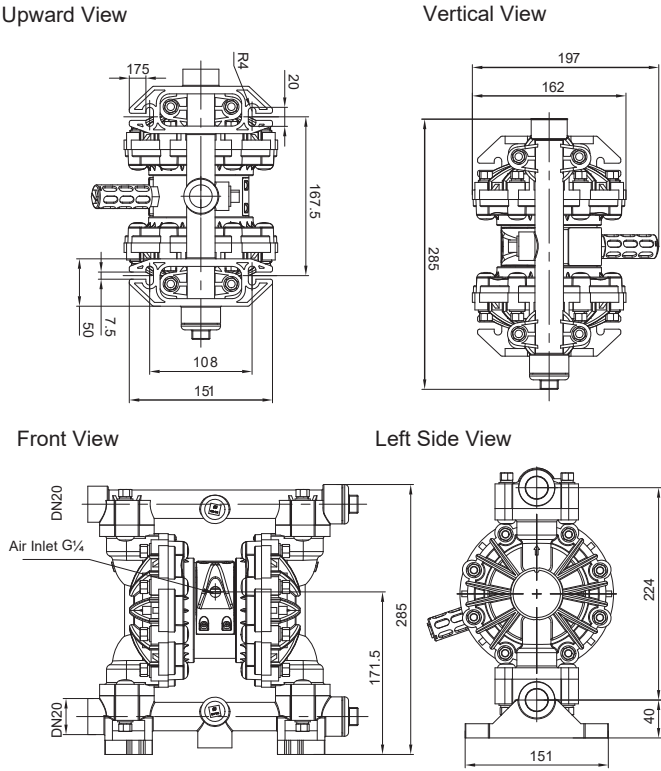
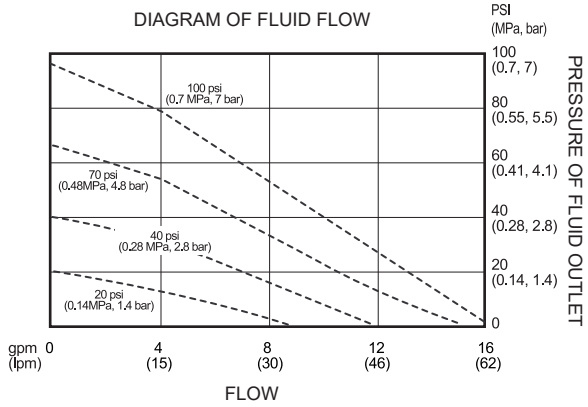
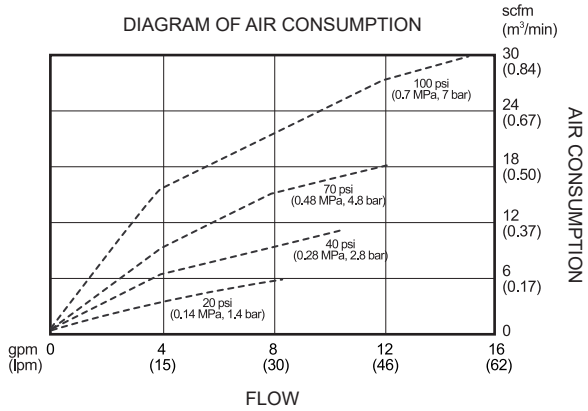
Specifications

	QBY3-20	QBY3-25
Max. Flow Rate	57 lpm	57 lpm
Max. Head	70 m	70 m
Max. Suction Height	4.5 m	4.5 m
Max. Working Pressure	7 bar	7 bar
Fluid Inlet/Outlet Size	DN20 (3/4")	DN25 (1")
Air Inlet Size	1/4"G (bspp)	1/4"G (bspp)
Max. Particle Size	2.5 mm	2.5 mm
Max. Air Consumption	0.36 m³/min	0.36 m³/min
Air Compressor Power	3 kw	3 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	400 cpm	400 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



Fluorine plastic

Installation dimensions



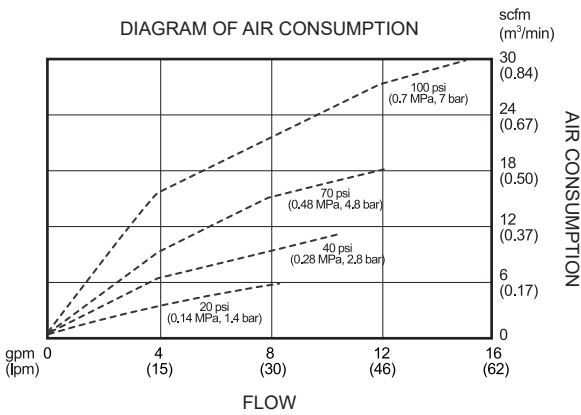
Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

QBY3-25 Teflon

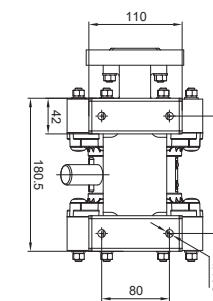
Specifications

	QBY3-25
Max. Flow Rate	57 lpm
Max. Head	70 m
Max. Suction Height	4.5 m
Max. Working Pressure	7 bar
Fluid Inlet/Outlet Size	DN25 (1")
Air Inlet Size	1/4"G (bspp)
Max. Particle Size	2.5 mm
Max. Air Consumption	0.36 m³/min
Air Compressor Power	3 kw
Every Reciprocating Flow	0.15 L
Max. Reciprocating Speed	400 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

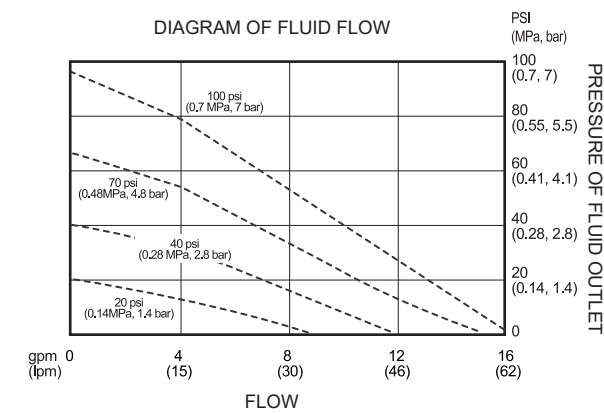
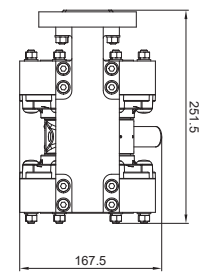
Installation dimensions



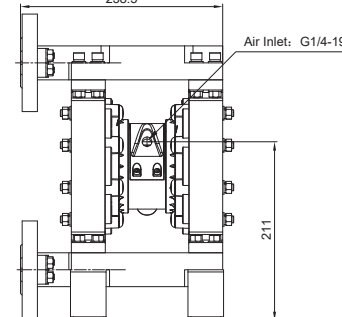
Upward View



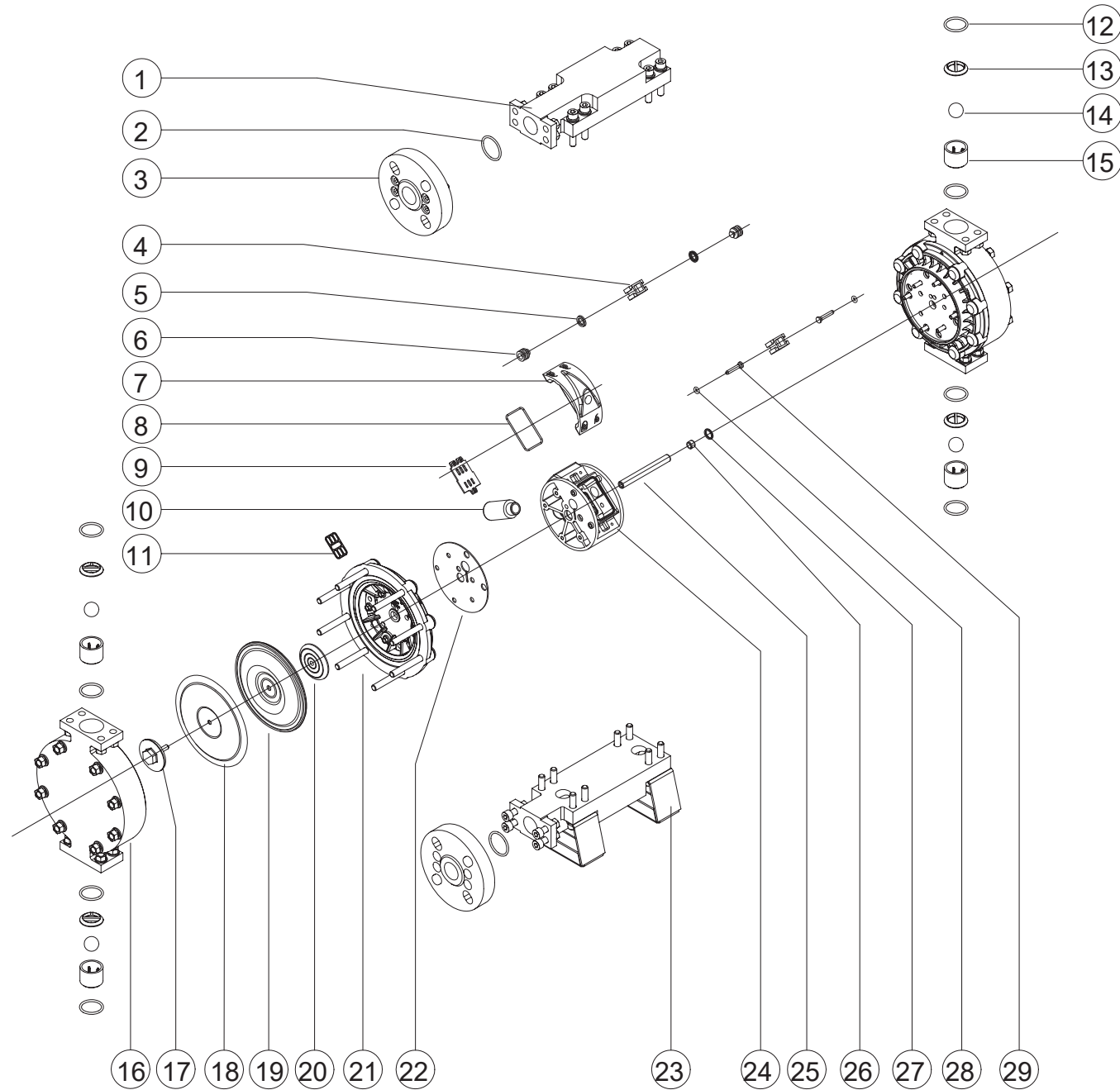
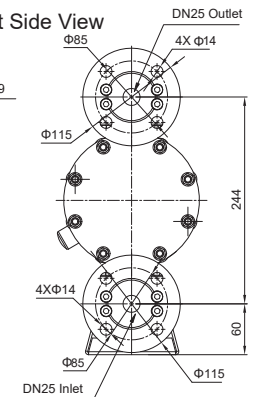
Vertical View



Front View

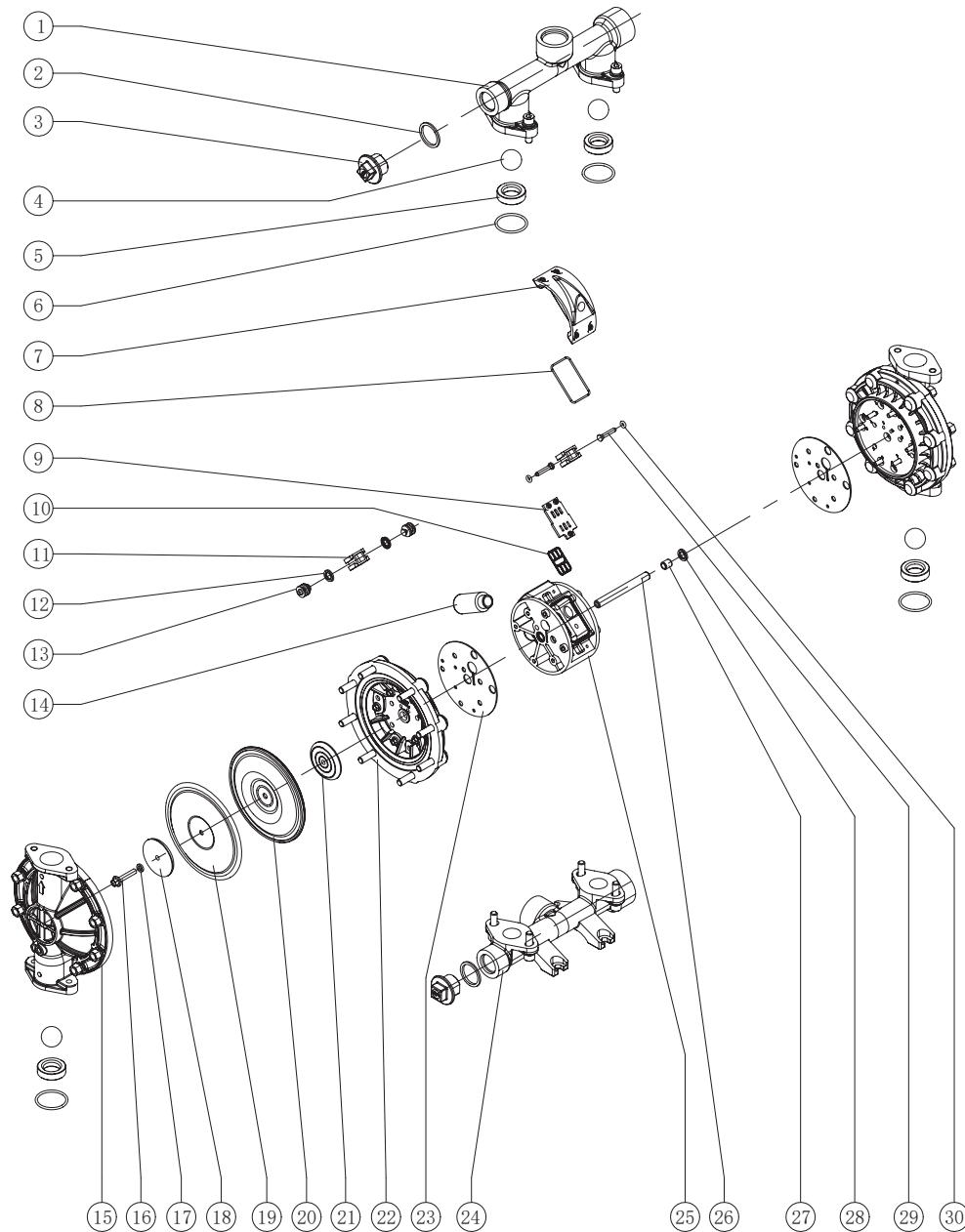


Left Side View



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet /Inlet Manifold	02	Flange Sealing Ring	03	Flange	04	Small Slider
05	V-ring	06	Piston	07	Air Valve Cover	08	Air Valve Cover O-ring
09	Boot Block	10	Muffler	11	Boot Block Washer	12	Ball Seat Sealing Ring
13	Ball Cover	14	Ball Valve	15	Ball Sleeve	16	Stand Column
17	Outer Splint	18	Teflon Diaphragm	19	Santoprene Diaphragm	20	Inner Splint
21	Clap Board	22	Air Valve Chamber Washer	23	Supporting Leg	24	Air Valve Chamber
25	Connecting Rod Axis	26	Connecting Rod Axis Sleeve	27	V-ring	28	Booster Power Lever O-ring
29	Booster Power Lever						



QBY3-20 QBY3-25 Aluminum alloy

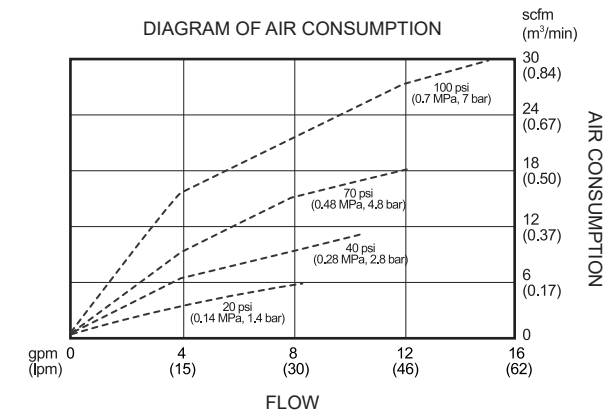
Specifications

	QBY3-20	QBY3-25
Max. Flow Rate	57 lpm	57 lpm
Max. Head	70 m	70 m
Max. Suction Height	4.5 m	4.5 m
Max. Working Pressure	7 bar	7 bar
Fluid Inlet/Outlet Size	DN20 (3/4")	DN25 (1")
Air Inlet Size	1/4"G (bspp)	1/4"G (bspp)
Max. Particle Size	2.5 mm	2.5 mm
Max. Air Consumption	0.36 m³/min	0.36 m³/min
Air Compressor Power	3 kw	3 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	400 cpm	400 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

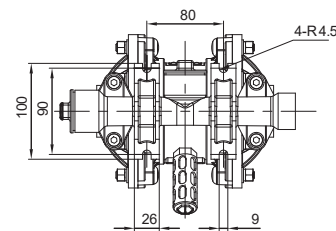


Aluminum alloy

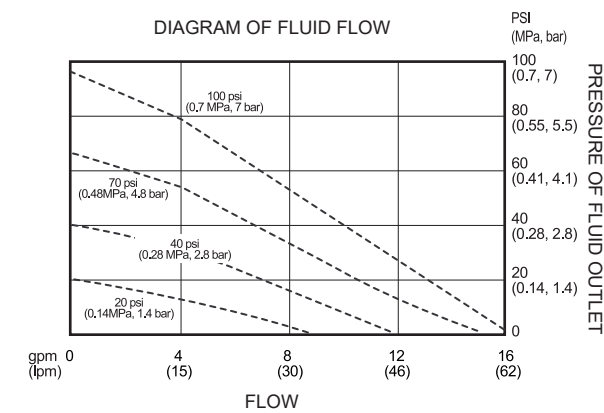
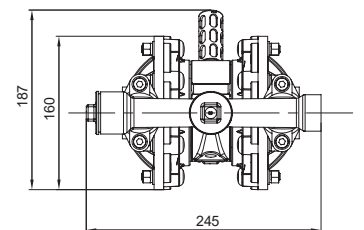
Installation dimensions



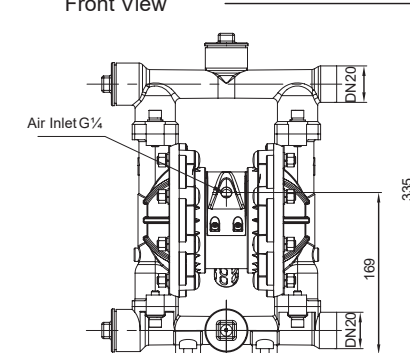
Upward View



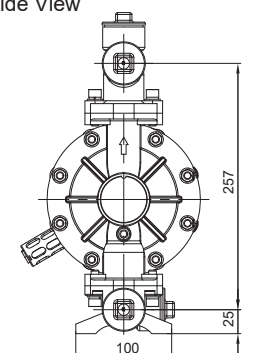
Vertical View



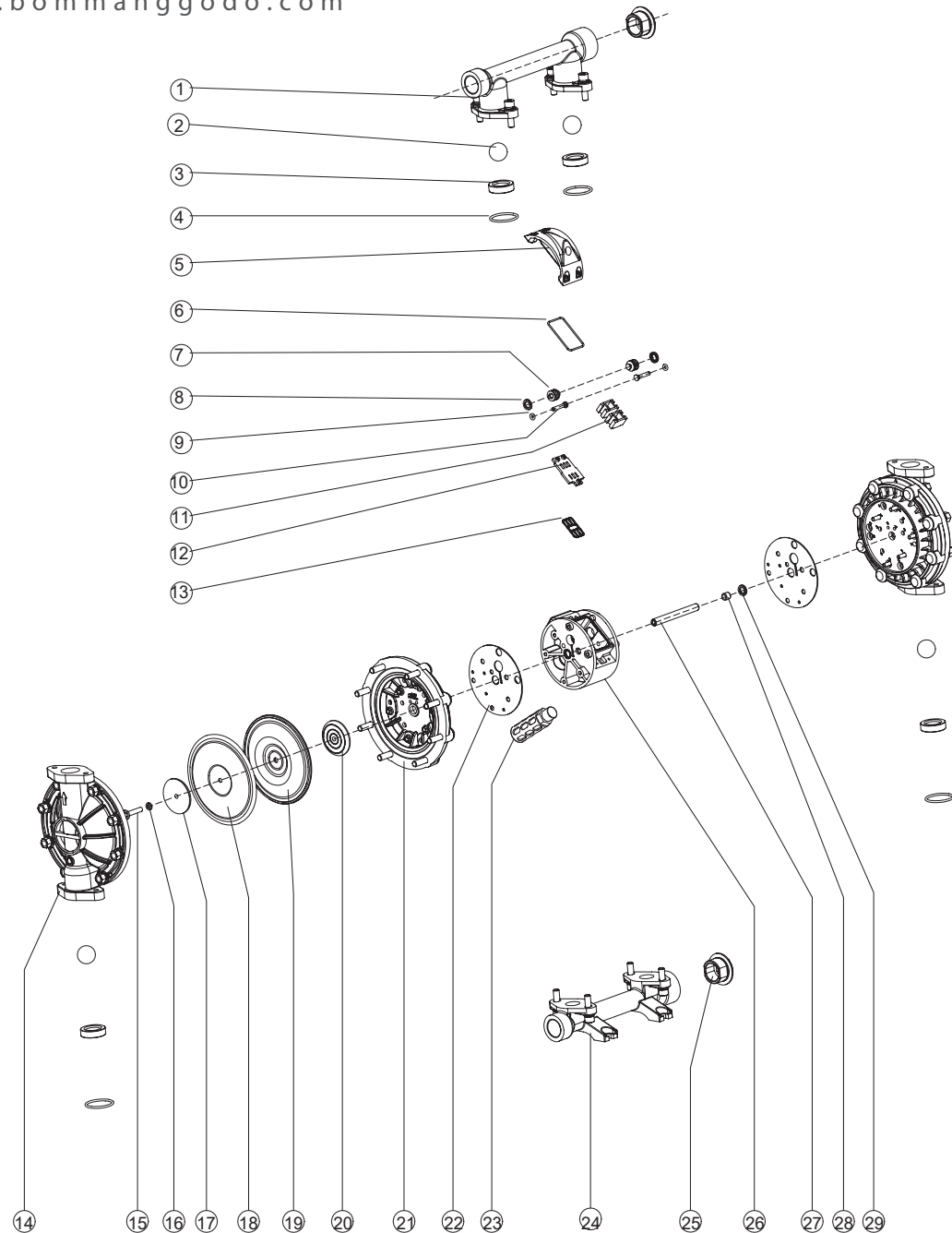
Front View



Left Side View



No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	Plug Sealing Ring	03	Plug	04	Ball Valve
05	Ball Seat	06	Ball Seat Sealing Ring	07	Air Valve Cover	08	Air Valve Cover O-ring
09	Boot Block	10	Boot Block Washer	11	Small Slider	12	V-ring
13	Piston	14	Muffler	15	Stand Column	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Clap Board	23	Air Valve Chamber Washer	24	Inlet Manifold
25	Air Valve Chamber	26	Connecting Rod Axis	27	Connecting Rod Axis Sleeve	28	V-ring
29	Booster Power Lever	30	Booster Power Lever O-ring				



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Air Valve Cover	06	Air Valve Cover O-ring	07	Piston	08	V-ring
09	Booster Power Lever O-ring	10	Booster Power Lever	11	Small Slider	12	Boot Block
13	Boot Block Washer	14	Stand Column	15	Splint Screw	16	Splint O-ring
17	Outer Splint	18	Teflon Diaphragm	19	Santoprene Diaphragm	20	Inner Splint
21	Clap Board	22	Air Valve Chamber Washer	23	Muffler	24	Inlet Manifold
25	Plug	26	Air Valve Chamber	27	Connecting Rod Axis	28	Connecting Rod Axis Sleeve
29	V-ring						



Stainless steel



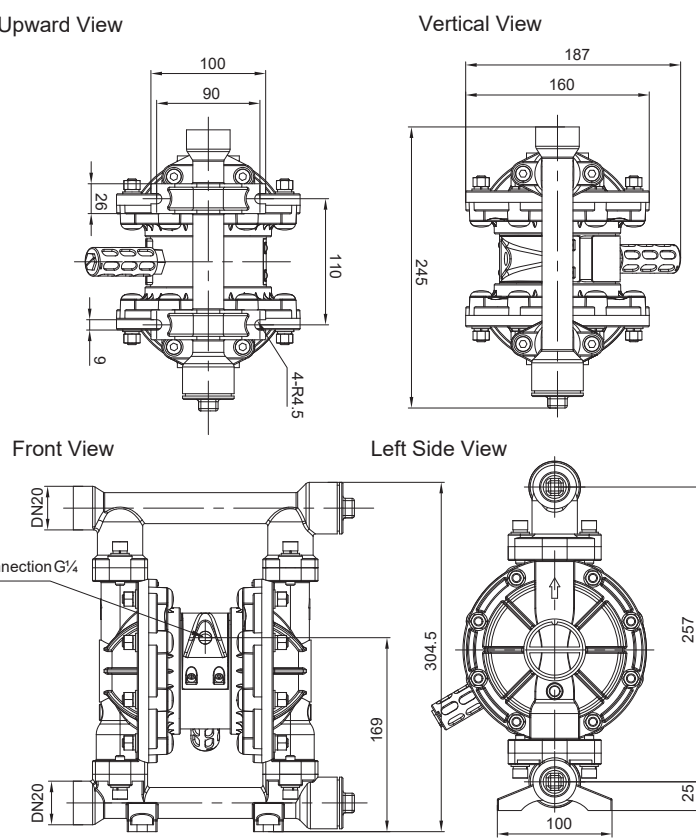
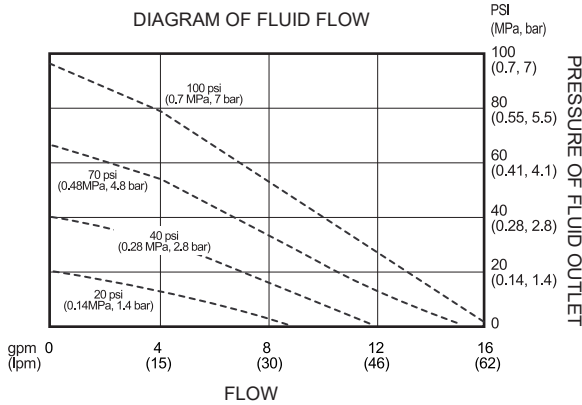
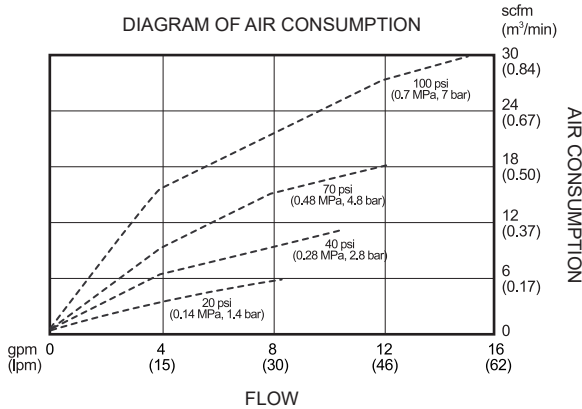
Cast steel

QBY3-20
QBY3-25
Stainless steel / Cast steel

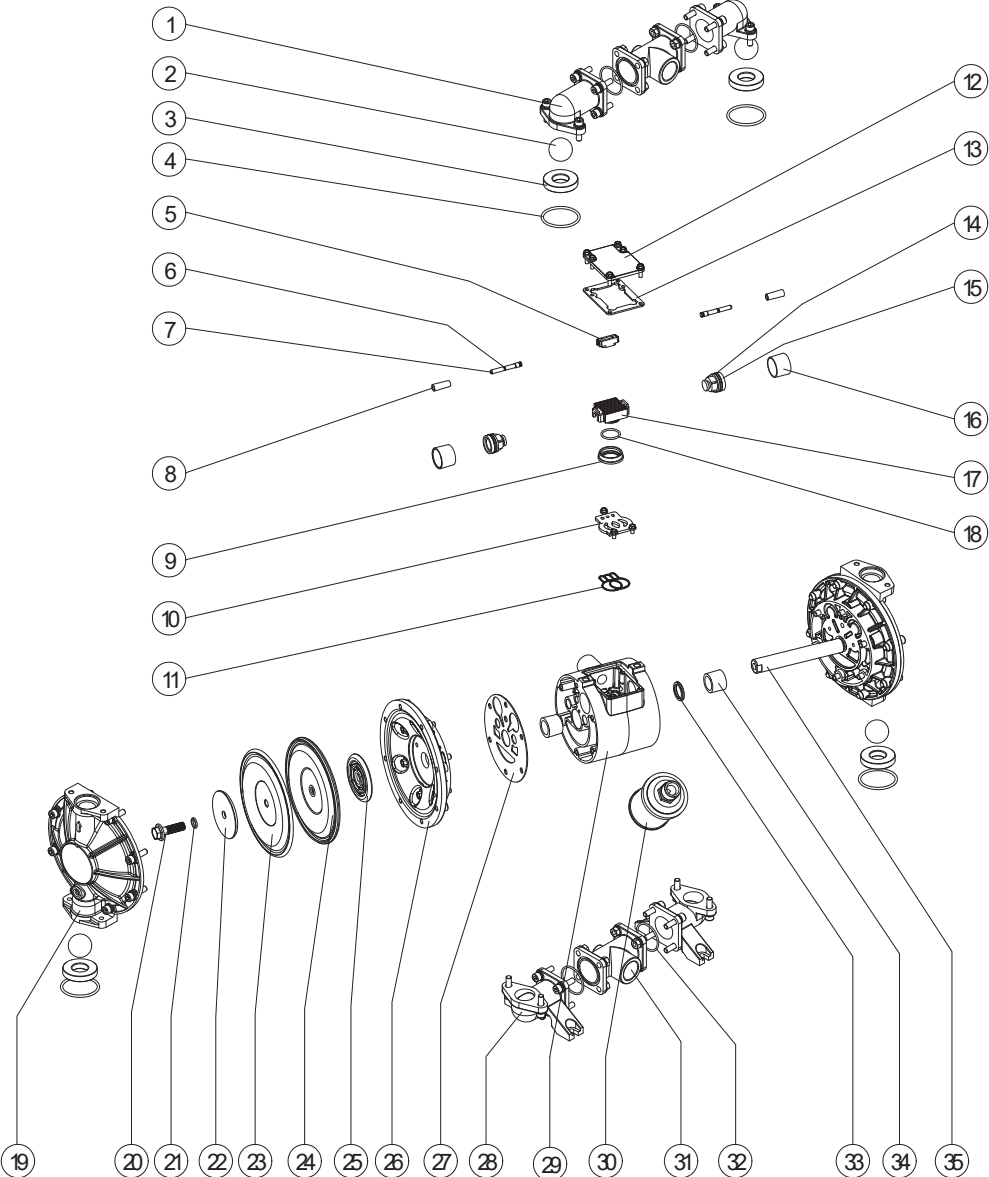
Specifications

	QBY3-20	QBY3-25
Max. Flow Rate	57 lpm	57 lpm
Max. Head	70 m	70 m
Max. Suction Height	4.5 m	4.5 m
Max. Working Pressure	7 bar	7 bar
Fluid Inlet/Outlet Size	DN20 (3/4")	DN25 (1")
Air Inlet Size	1/4"G (bspp)	1/4"G (bspp)
Max. Particle Size	2.5 mm	2.5 mm
Max. Air Consumption	0.36 m³/min	0.36 m³/min
Air Compressor Power	3 kw	3 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	400 cpm	400 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

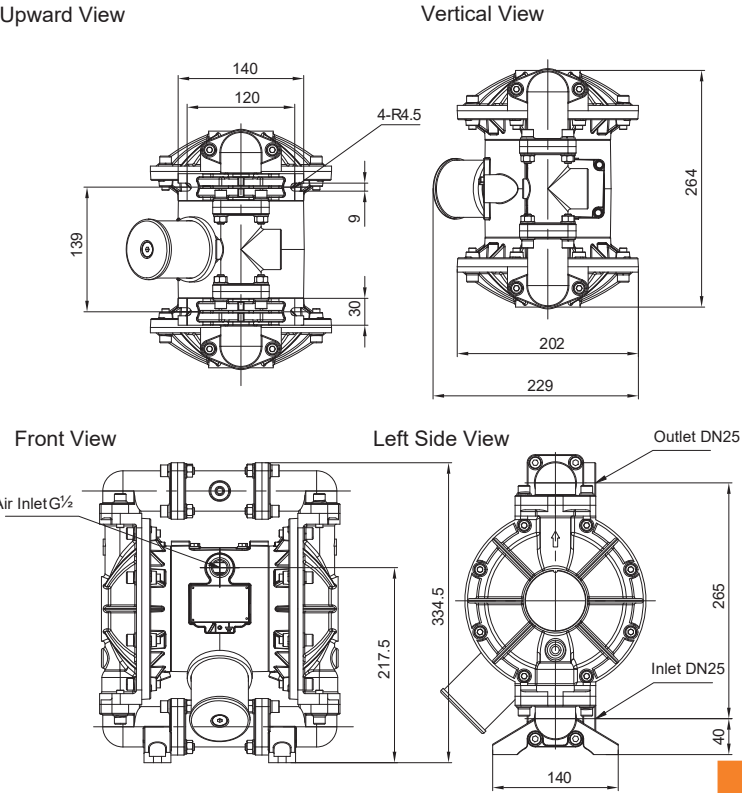
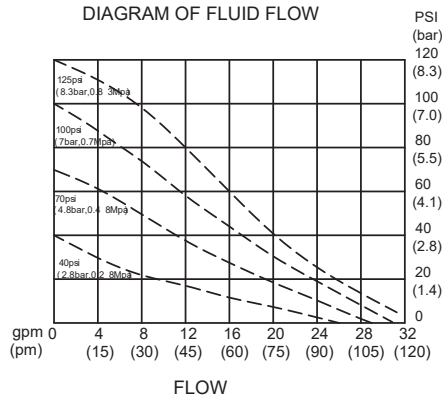
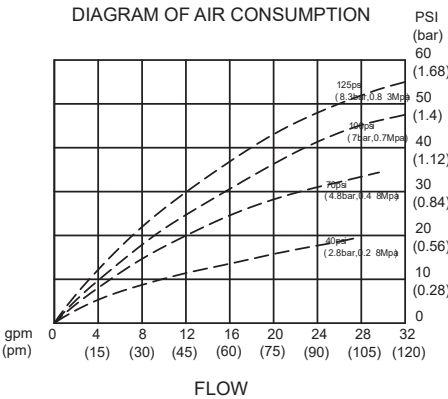
No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Lower Elbow
29	Air Valve Chamber	30	Muffler	31	Tee	32	Tee Sealing Ring
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		

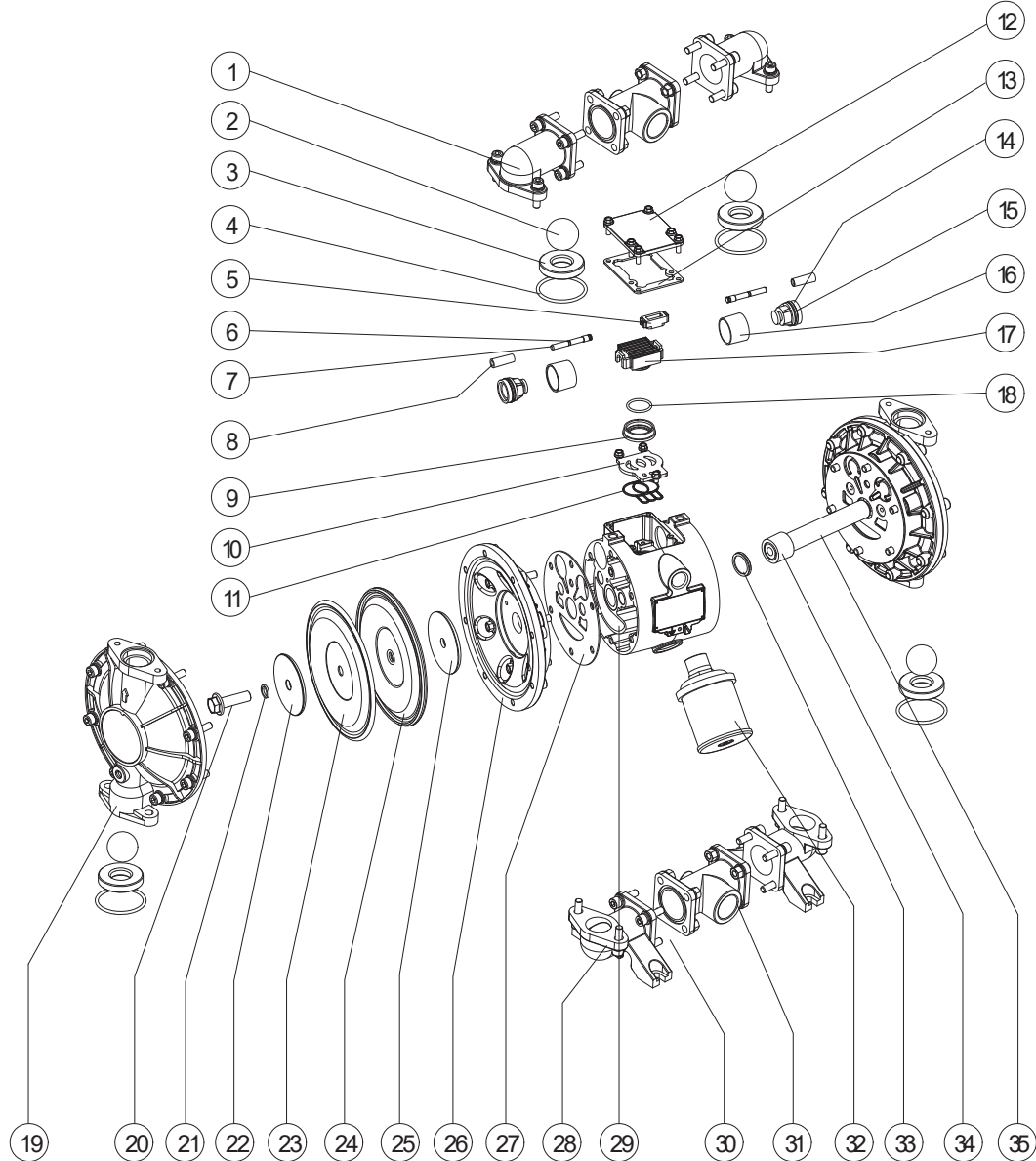
BFQ-25
Aluminum alloy

Specifications

	BFQ-25
Max. Flow Rate	116 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN25 (1")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	3.2 mm
Max. Air Consumption	0.67 m³/min
Air Compressor Power	5.5 kw
Every Reciprocating Flow	0.57 L
Max. Reciprocating Speed	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Lower Elbow
29	Air Valve Chamber	30	Tee Sealing Ring	31	Tee	32	Muffler
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		



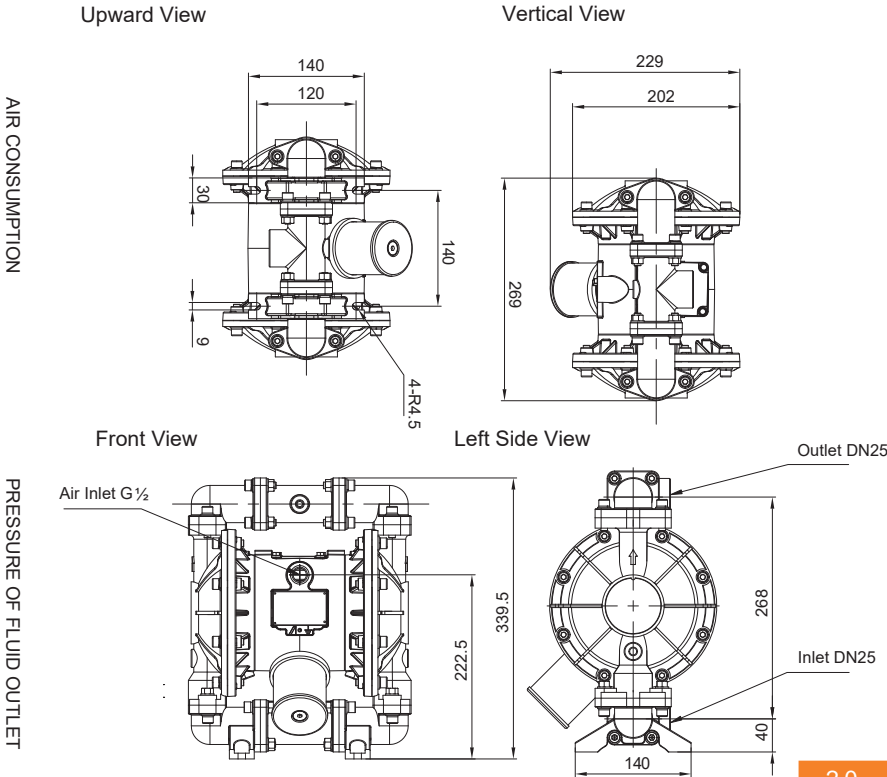
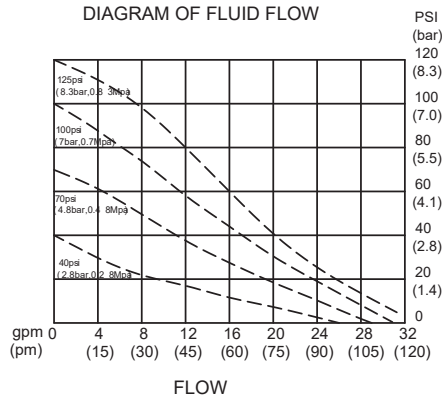
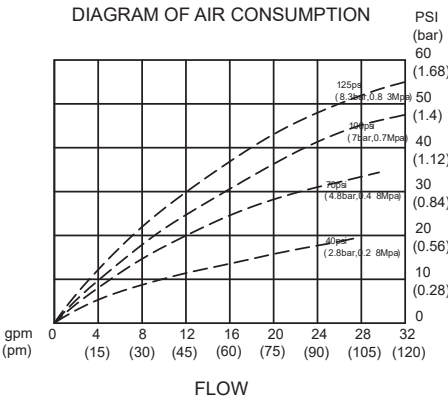
Stainless steel

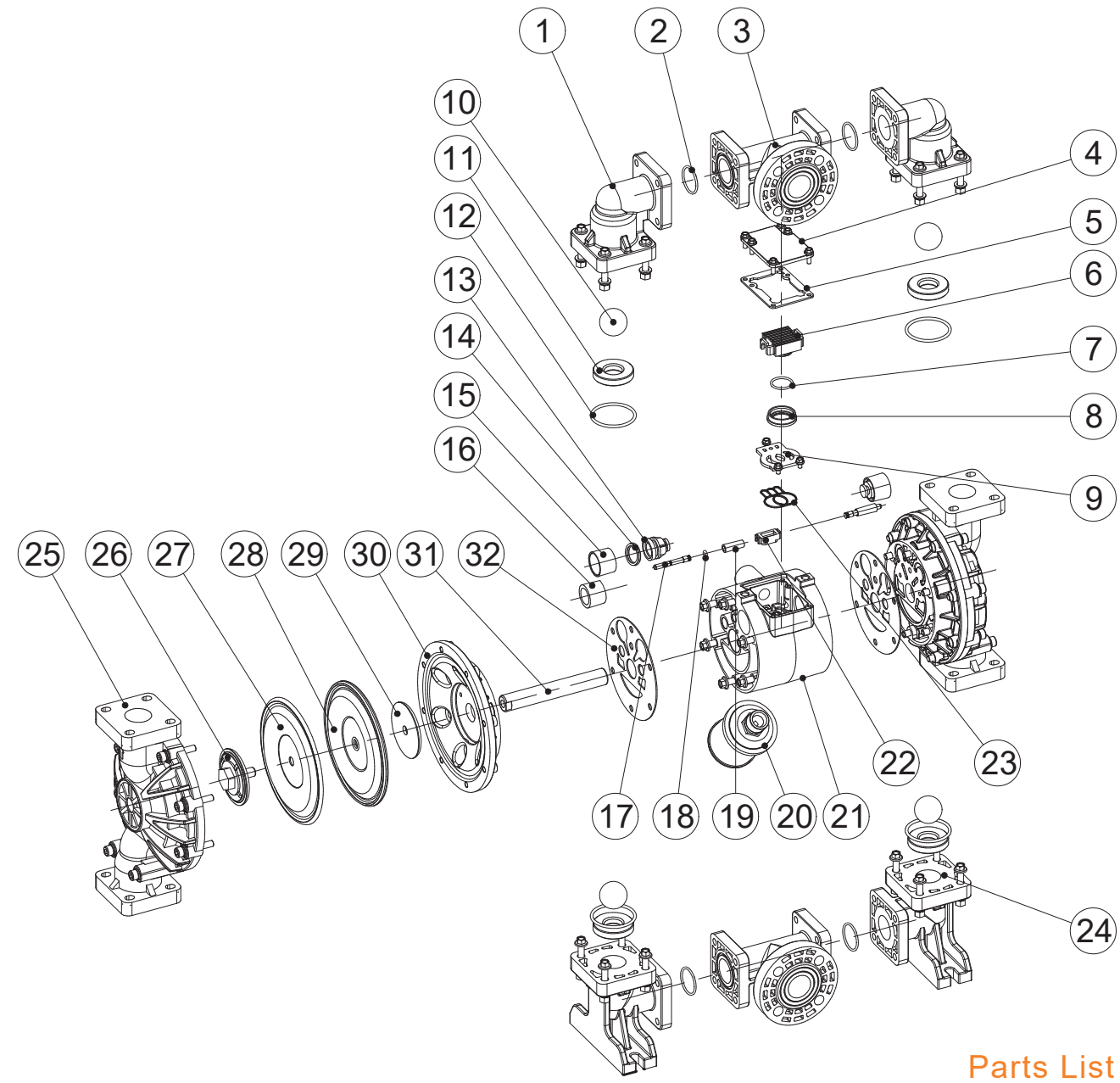
BFQ-25
Stainless steel / Cast steel

Specifications

	BFQ-25
Max. Flow Rate	116 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN25 (1")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	3.2 mm
Max. Air Consumption	0.67 m³/min
Air Compressor Power	5.5 kw
Every Reciprocating Flow	0.57 L
Max. Reciprocating Speed	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	Tee Sealing Ring	03	Tee Flange	04	Air Valve Cover
05	Air Valve Cover Washer	06	Large Slider	07	Large Slider O-ring	08	Large Slider Seat
09	Boot Block	10	Ball Valve	11	Ball Seat	12	PTFE Ball Seat Sealing Ring
13	Piston	14	V-ring	15	Piston Sleeve	16	Connecting Rod Axis Sleeve
17	Booster Power Lever	18	Booster Power Lever O-ring	19	Booster Power Lever Sleeve	20	Muffler
21	Air Valve Chamber	22	Small Slider	23	Boot Block Washer	24	Lower Elbow
25	Stand Column	26	Outer Splint	27	Teflon Diaphragm	28	Santoprene Diaphragm
29	Inner Splint	30	Clap Board	31	Connecting Rod Axis	32	Air Valve Chamber Washer



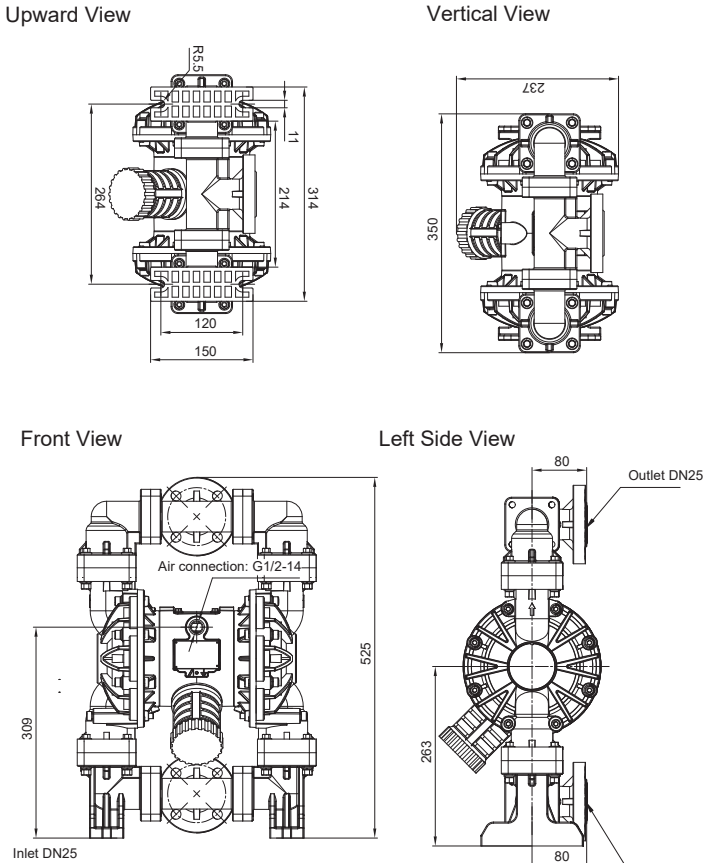
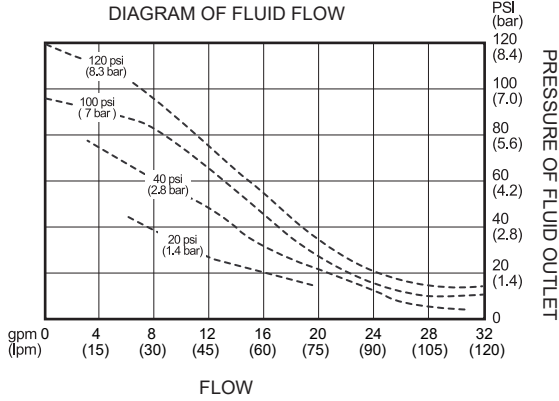
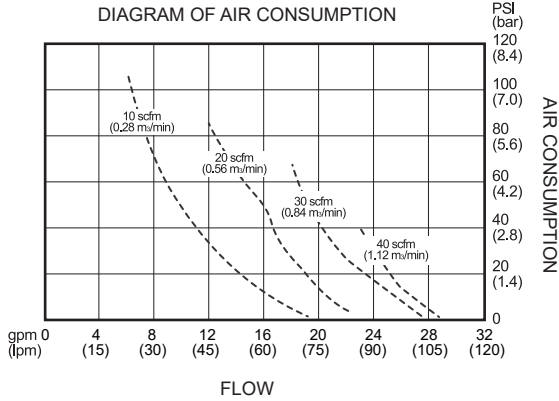
Engineering plastics

BFQ-25
Engineering plastics / Fluorine plastic

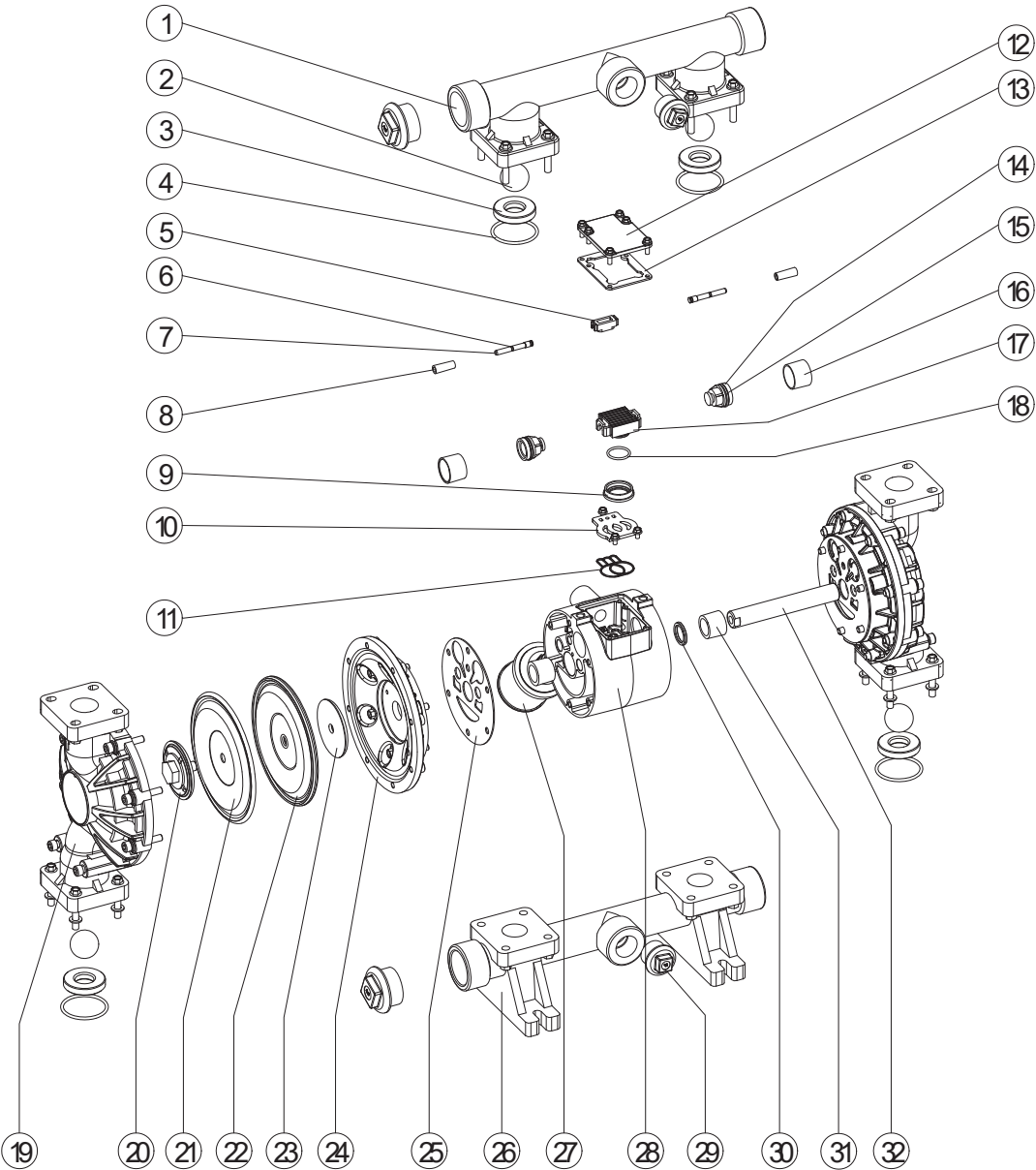
Specifications

	BFQ-25
Max. Flow Rate	116 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN25 (1")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	3.2 mm
Max. Air Consumption	0.67 m³/min
Air Compressor Power	5.5 kw
Every Reciprocating Flow	0.57 L
Max. Reciprocating Speed	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



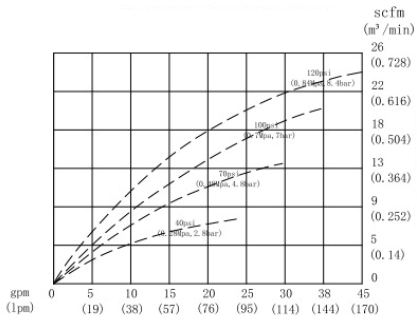
Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Clap Board
25	Air Valve Chamber Washer	26	Inlet Manifold	27	Muffler	28	Air Valve Chamber
29	Plug	30	V-ring	31	Connecting Rod Axis Sleeve	32	Connecting Rod Axis



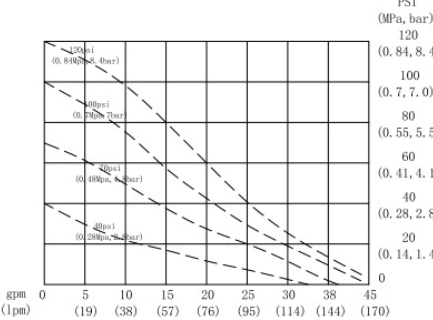
Engineering plastics

DIAGRAM OF AIR CONSUMPTION



FLOW

DIAGRAM OF FLUID FLOW



FLOW

AIR CONSUMPTION

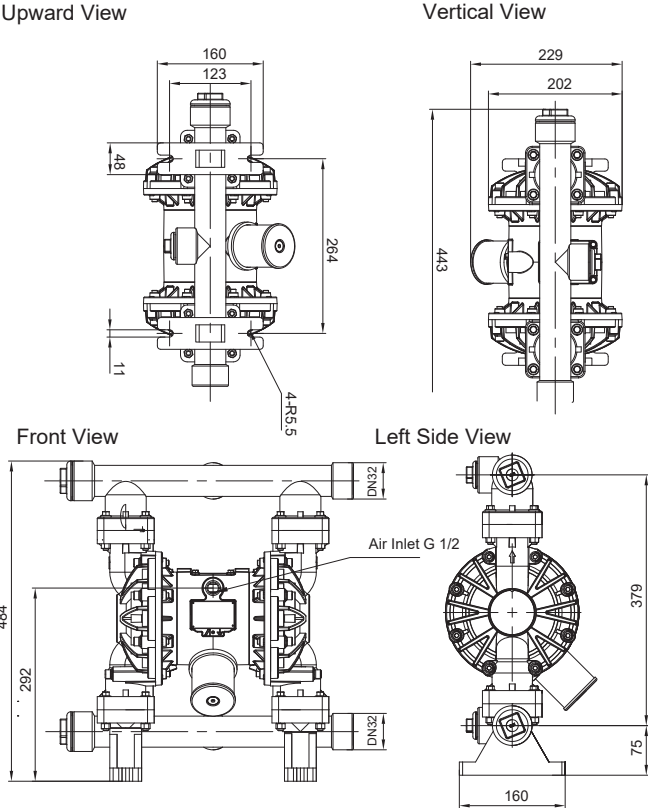
PRESSURE OF FLUID OUTLET

QBY3-32
QBY3-40
Engineering plastics / Fluorine plastic

Specifications

	QBY3-32	QBY3-40
Max. Flow Rate	170 lpm	170 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN32 (1-1/4")	DN40 (1-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	3.2 mm	3.2 mm
Max. Air Consumption	0.67 m³/min	0.67 m³/min
Air Compressor Power	5.5 kw	5.5 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	276 cpm	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

QBY3-32
QBY3-40
Aluminum alloy

Specifications

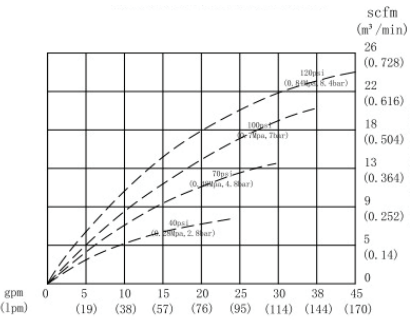
	QBY3-32	QBY3-40
Max. Flow Rate	170 lpm	170 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN32 (1-1/4")	DN40 (1-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	3.2 mm	3.2 mm
Max. Air Consumption	0.67 m³/min	0.67 m³/min
Air Compressor Power	5.5 kw	5.5 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	276 cpm	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



Aluminum alloy

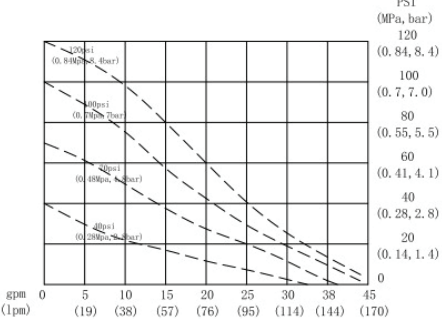
Installation dimensions

DIAGRAM OF AIR CONSUMPTION



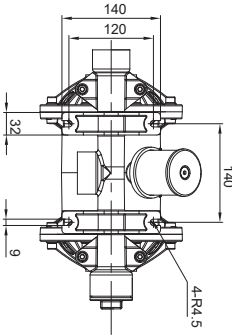
FLOW

DIAGRAM OF FLUID FLOW

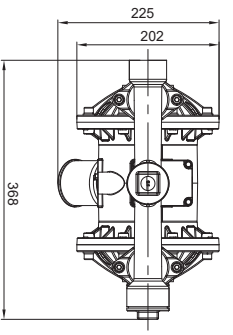


FLOW

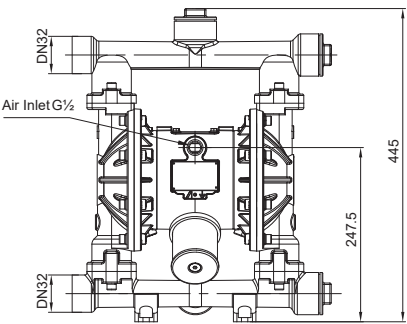
Upward View



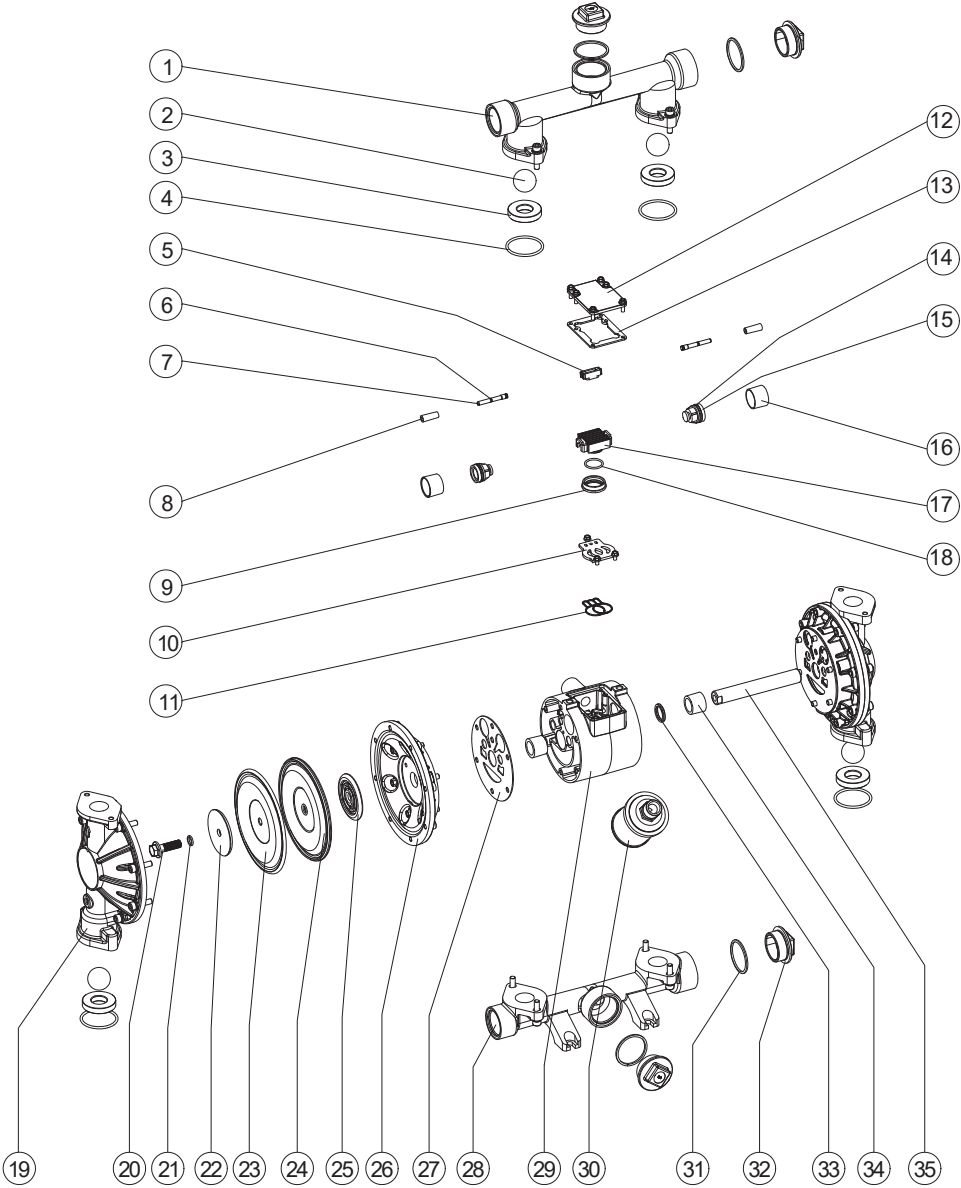
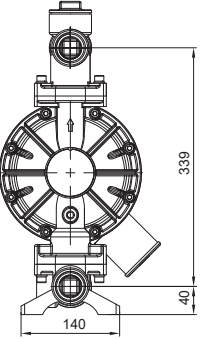
Vertical View



Front View

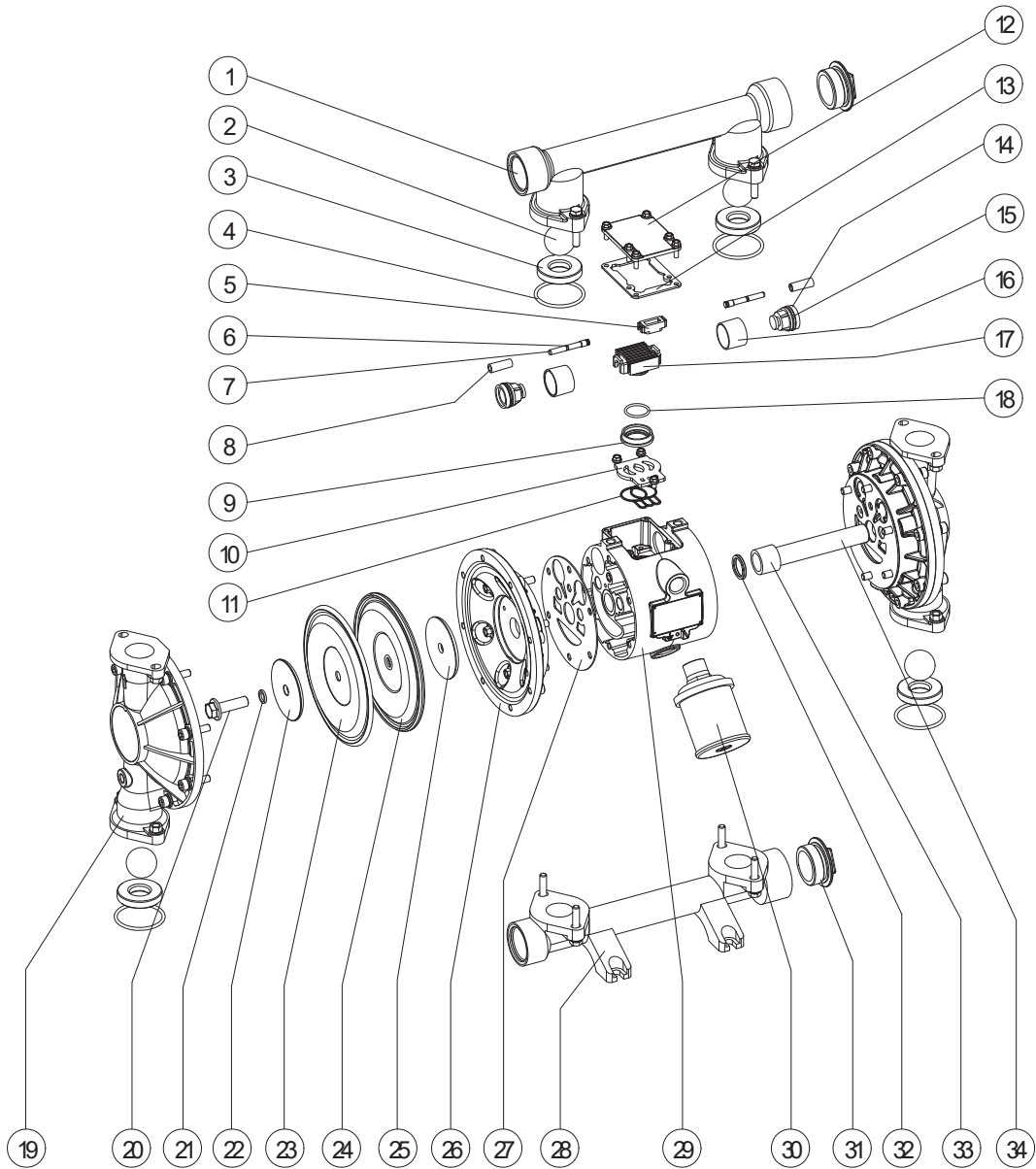


Left Side View



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Inlet Manifold
29	Air Valve Chamber	30	Muffler	31	Plug Sealing Ring	32	Plug
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Inlet Manifold
29	Air Valve Chamber	30	Muffler	31	Plug	32	V-ring
33	Connecting Rod Axis Sleeve	34	Connecting Rod Axis				



QBY3-32
QBY3-40

Stainless steel / Nodular cast iron

Specifications

	QBY3-32	QBY3-40
Max. Flow Rate	170 lpm	170 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN32 (1-1/4")	DN40 (1-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	3.2 mm	3.2 mm
Max. Air Consumption	0.67 m³/min	0.67 m³/min
Air Compressor Power	5.5 kw	5.5 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	276 cpm	276 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions

DIAGRAM OF AIR CONSUMPTION

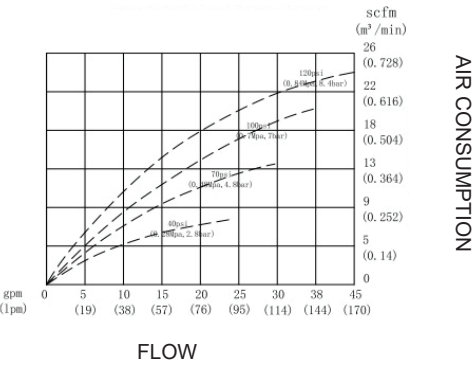
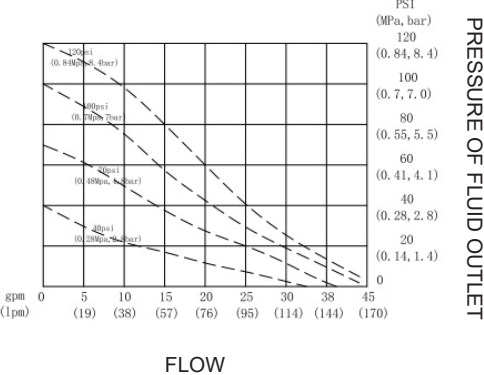
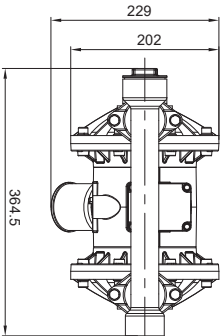
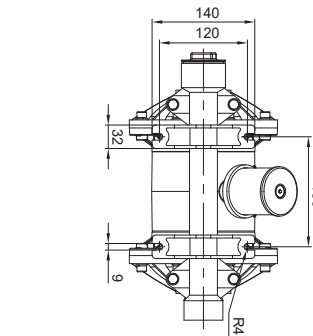


DIAGRAM OF FLUID FLOW



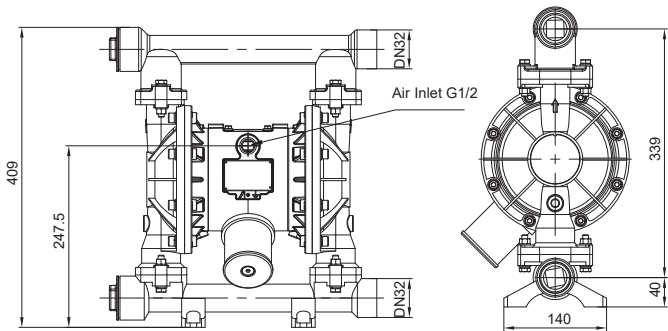
Upward View

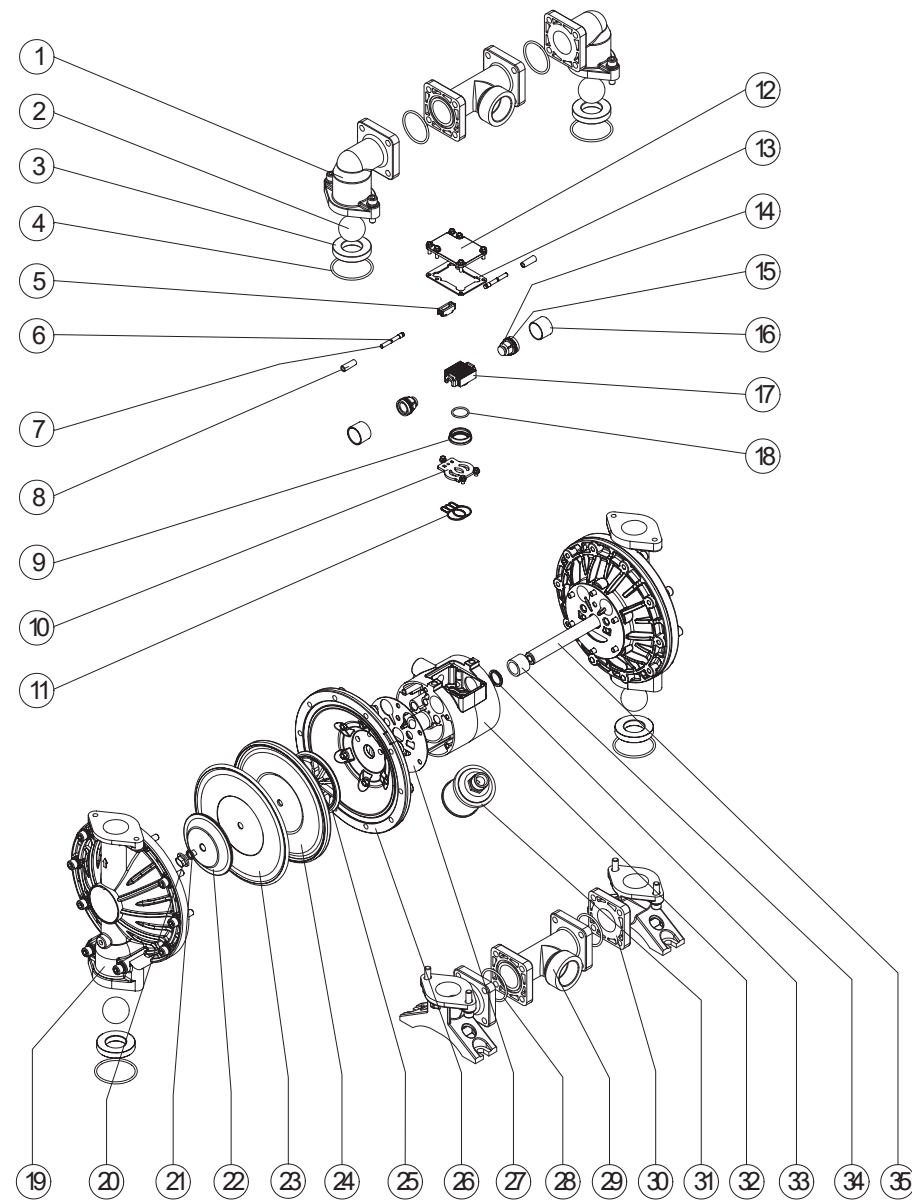
Vertical View



Front View

Left Side View





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-rin	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Tee Sealing Ring
29	Tee	30	Lower Elbow	31	Muffler	32	Air Valve Chamber
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		

BFQ-40

Aluminum alloy / Stainless steel / Nodular cast iron

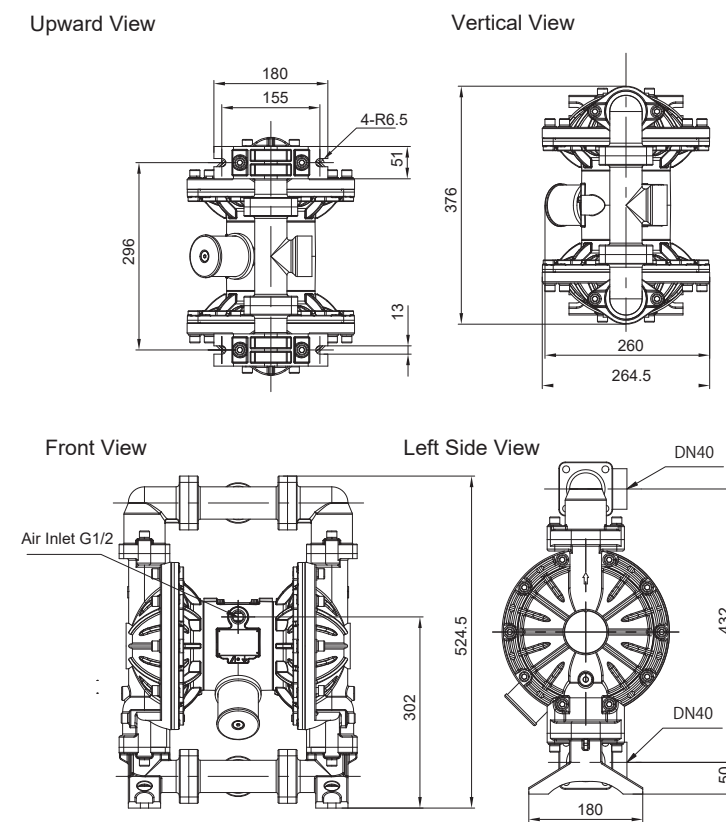
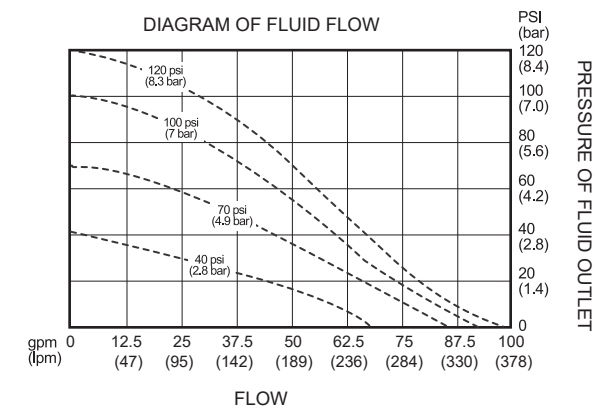
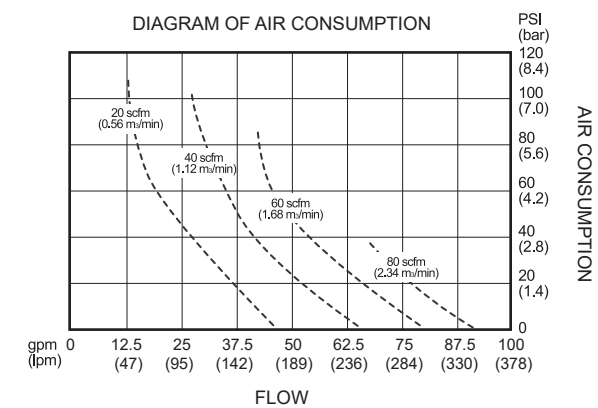
Specifications

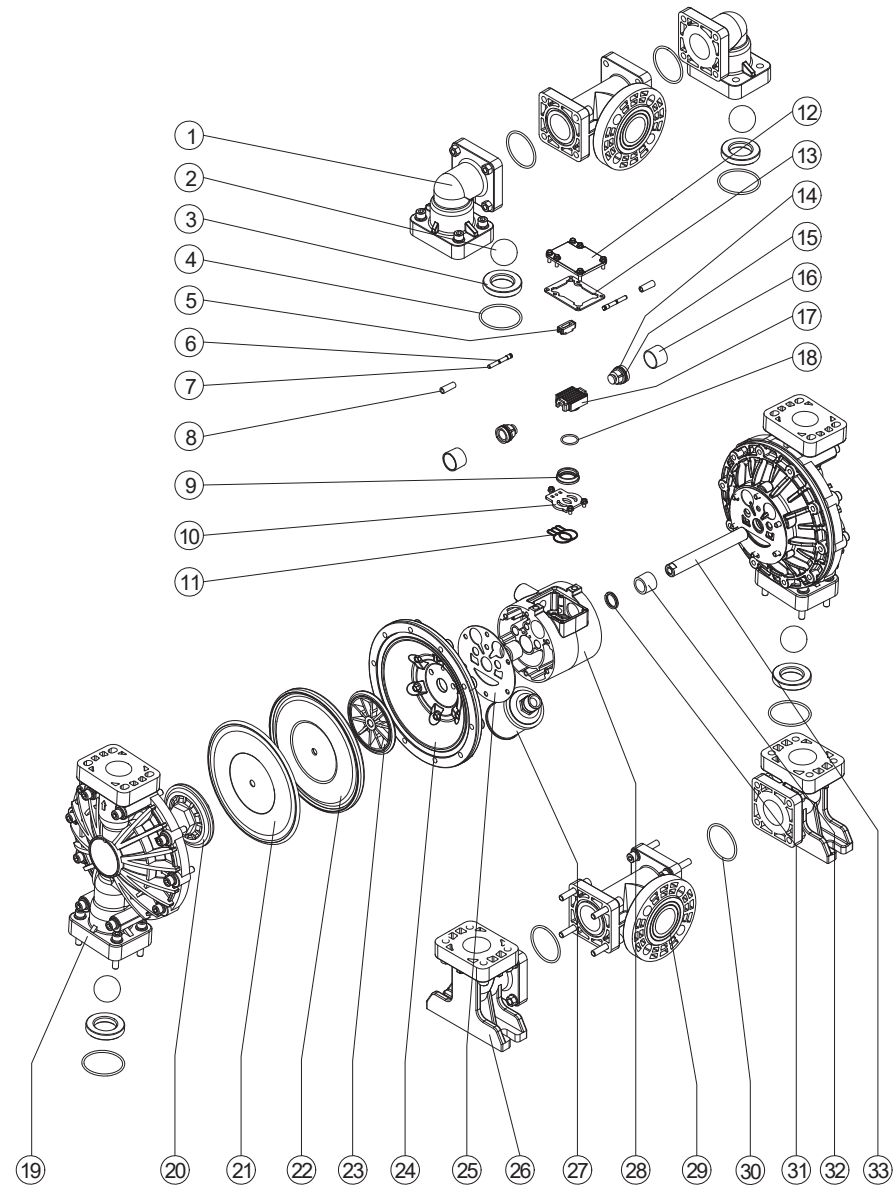
	BFQ-40
Max. Flow Rate	378.5 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	4.8 mm
Max. Air Consumption	0.9 m³/min
Air Compressor Power	7.5 kw
Every Reciprocating Flow	1.9 L
Max. Reciprocating Speed	200 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	



Aluminum alloy

Installation dimensions





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Clap Board
25	Air Valve Chamber Washer	26	Lower Elbow	27	Muffler	28	Air Valve Chamber
29	Tee Flange	30	Tee Sealing Ring	31	V-ring	32	Connecting Rod Axis Sleeve
33	Connecting Rod Axis						



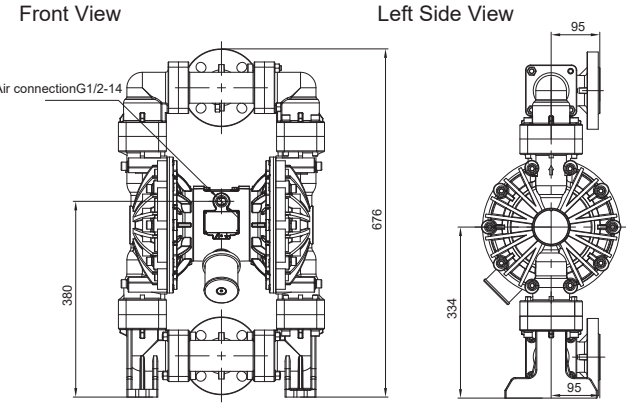
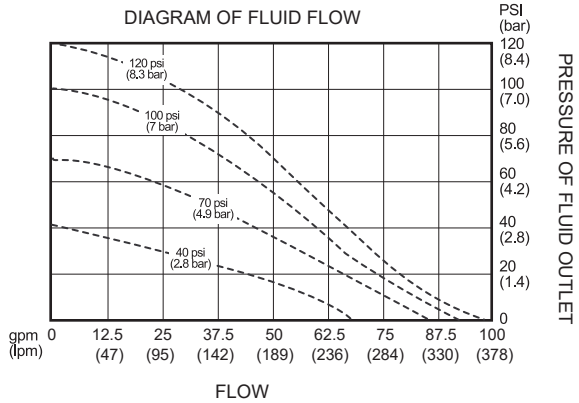
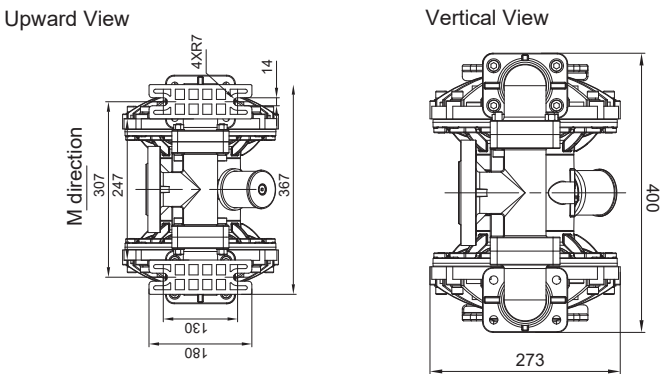
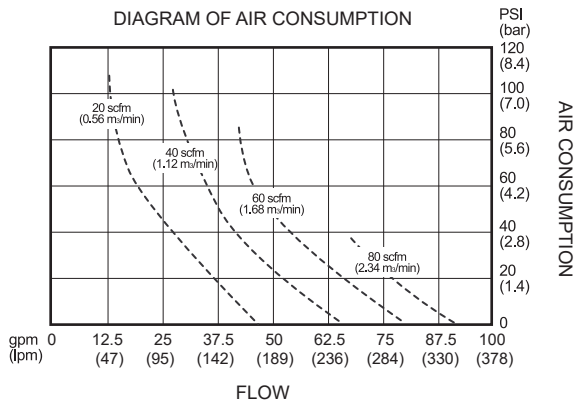
Engineering plastics

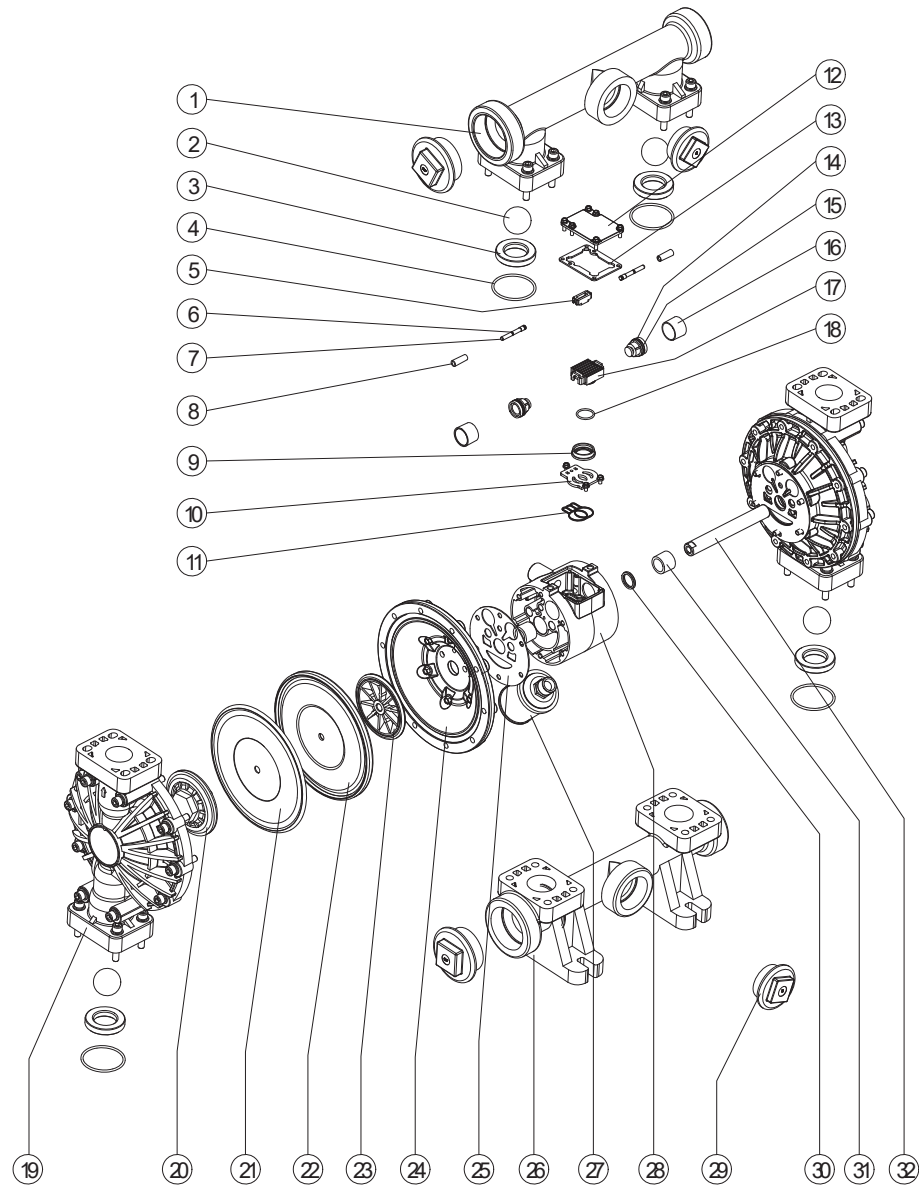
BFQ-40
Engineering plastics / Fluorine plastic

Specifications

	BFQ-40
Max. Flow Rate	378.5 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	4.8 mm
Max. Air Consumption	0.9 m³/min
Air Compressor Power	7.5 kw
Every Reciprocating Flow	1.9 L
Max. Reciprocating Speed	200 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Clap Board
25	Air Valve Chamber Washer	26	Inlet Manifold	27	Muffler	28	Air Valve Chamber
29	Plug	30	V-ring	31	Connecting Rod Axis Sleeve	32	Connecting Rod Axis



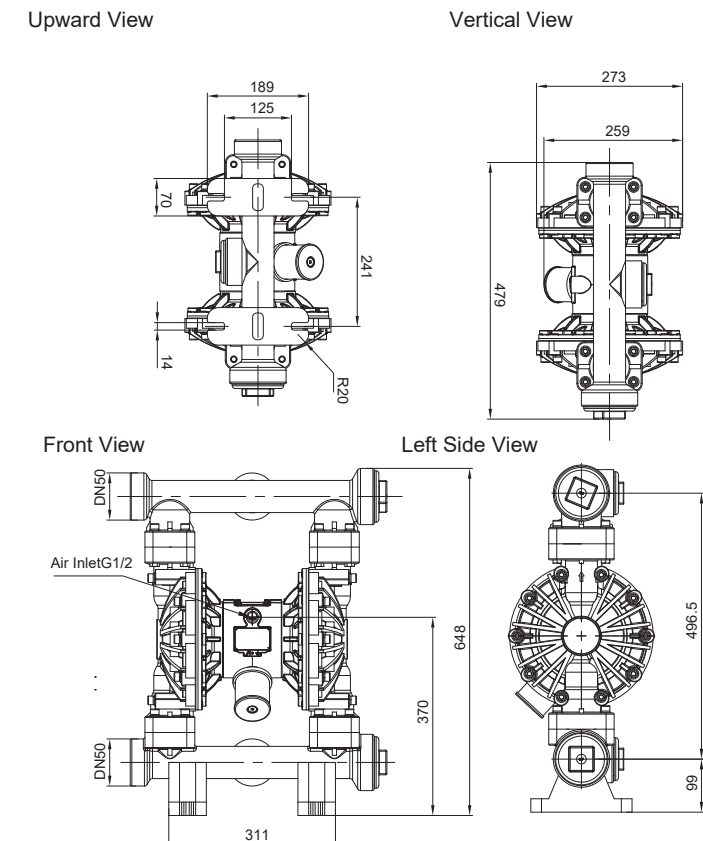
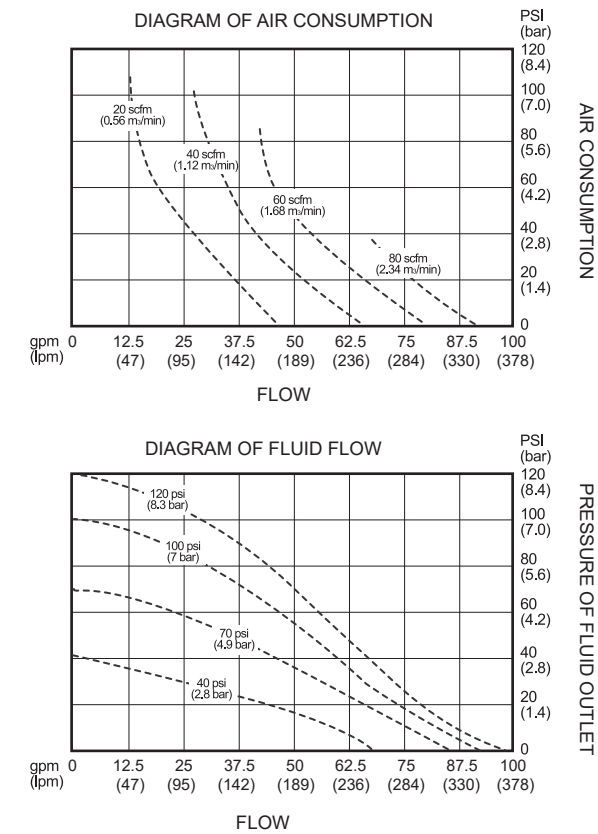
QBY3-50 QBY3-65

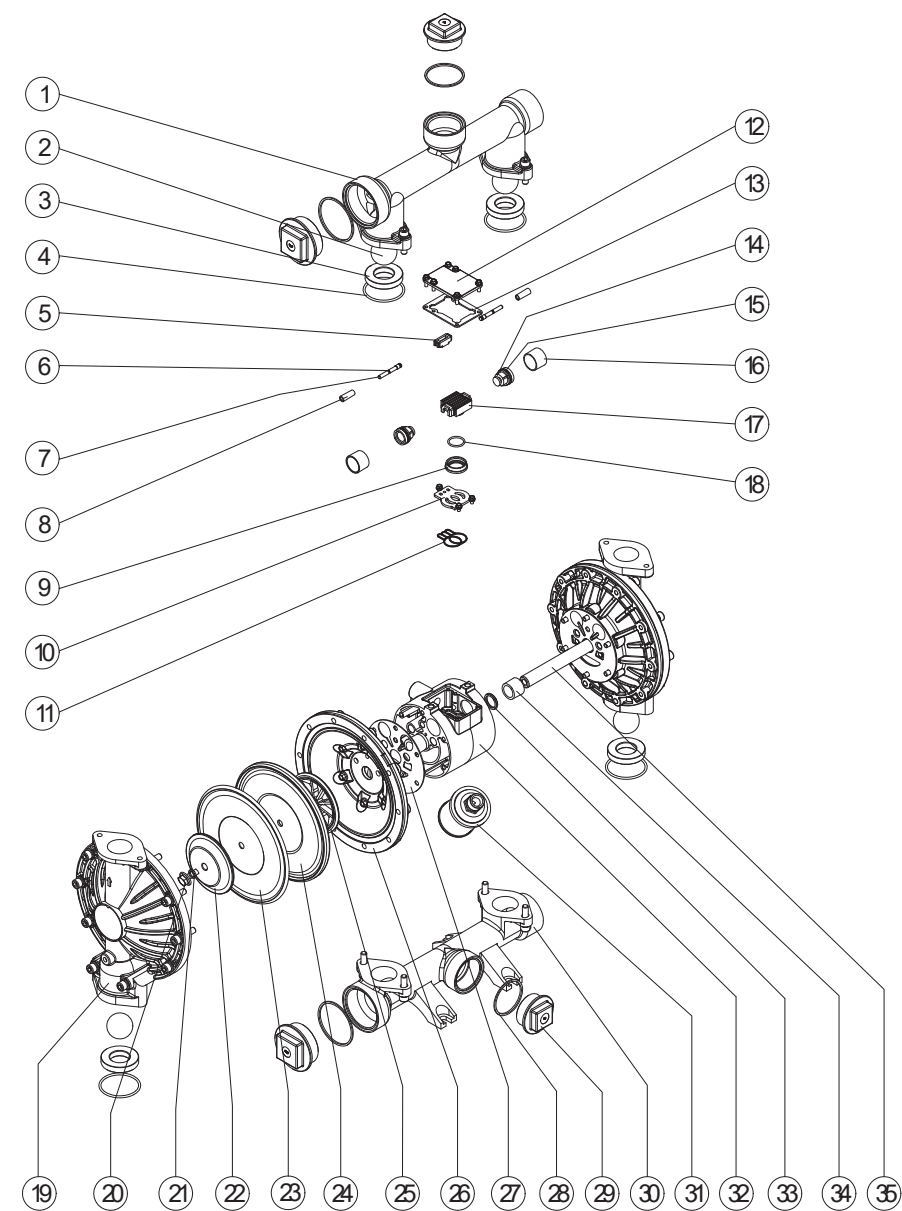
Engineering plastics / Fluorine plastic

Specifications

	QBY3-50	QBY3-65
Max. Flow Rate	378.5 lpm	378.5 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN65 (2-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	4.8 mm	4.8 mm
Max. Air Consumption	0.9 m³/min	0.9 m³/min
Air Compressor Power	7.5 kw	7.5 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	200 cpm	200 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Air Valve Chamber Washer	28	Plug Sealing Ring
29	Plug	30	Inlet Manifold	31	Muffler	32	Air Valve Chamber
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		

QBY3-50
QBY3-65
Aluminum alloy

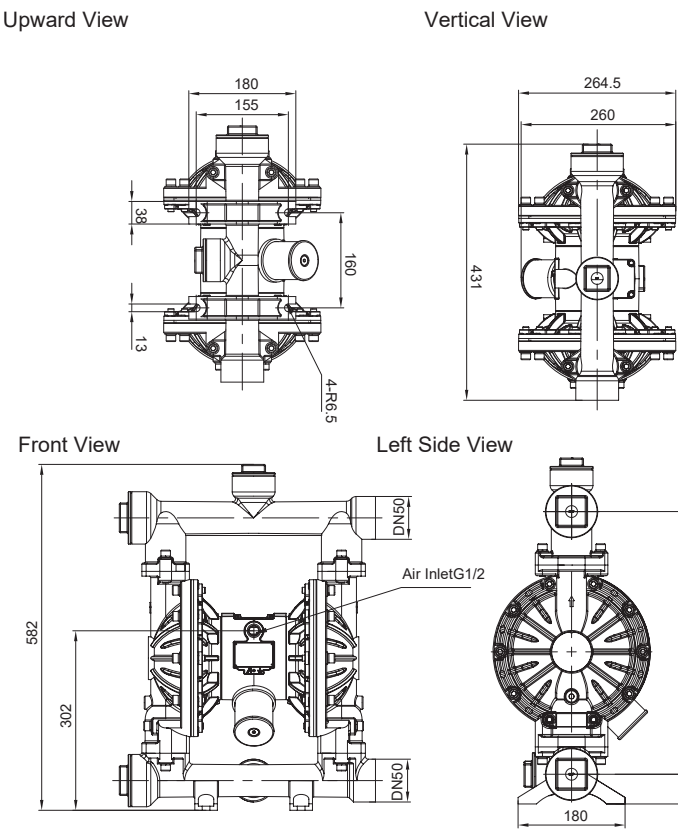
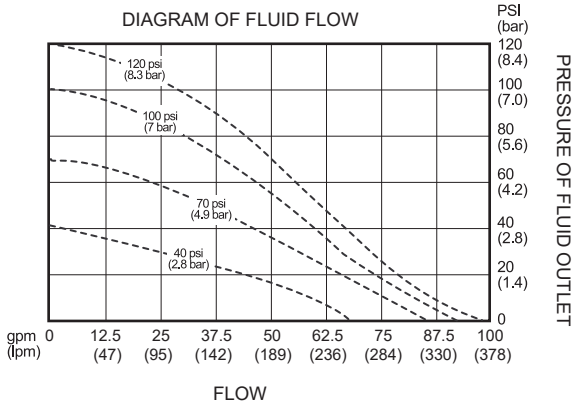
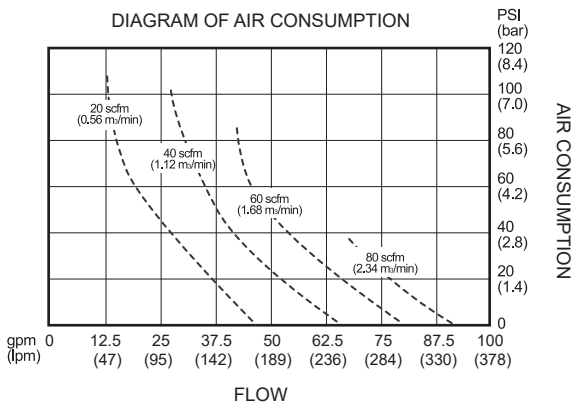
Specifications

	QBY3-50	QBY3-65
Max. Flow Rate	378.5 lpm	378.5 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN65 (2-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	4.8 mm	4.8 mm
Max. Air Consumption	0.9 m³/min	0.9 m³/min
Air Compressor Power	7.5 kw	7.5 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	200 cpm	200 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

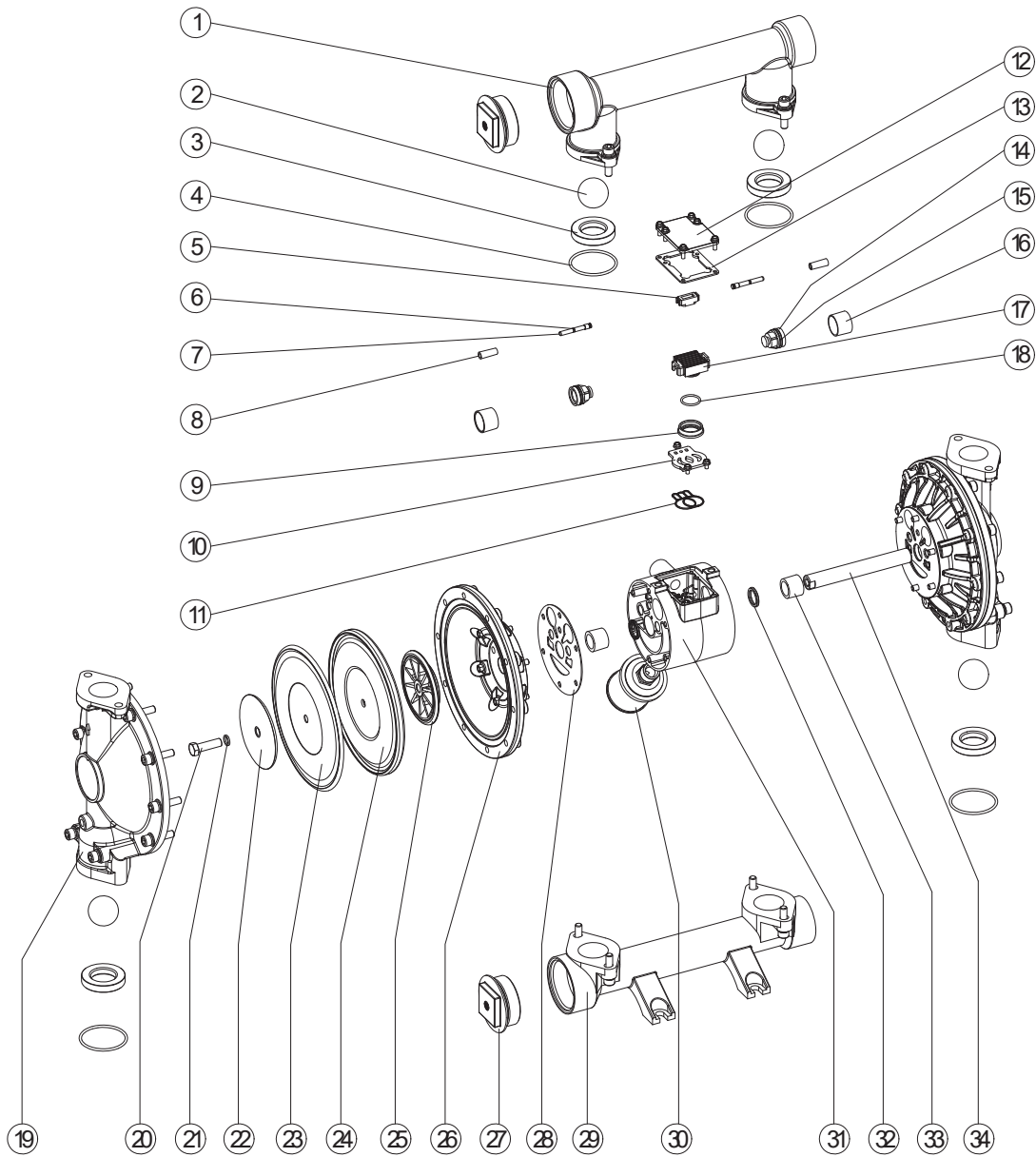


Aluminum alloy

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Air Valve Cover
13	Air Valve Cover Washer	14	Piston	15	V-ring	16	Piston Sleeve
17	Large Slider	18	Large Slider O-ring	19	Stand Column	20	Splint Screw
21	Splint O-ring	22	Outer Splint	23	Teflon Diaphragm	24	Santoprene Diaphragm
25	Inner Splint	26	Clap Board	27	Plug	28	Air Valve Chamber Washer
29	Inlet Manifold	30	Muffler	31	Air Valve Chamber	32	V-ring
33	Connecting Rod Axis Sleeve	34	Connecting Rod Axis				



Stainless steel



Nodular cast iron

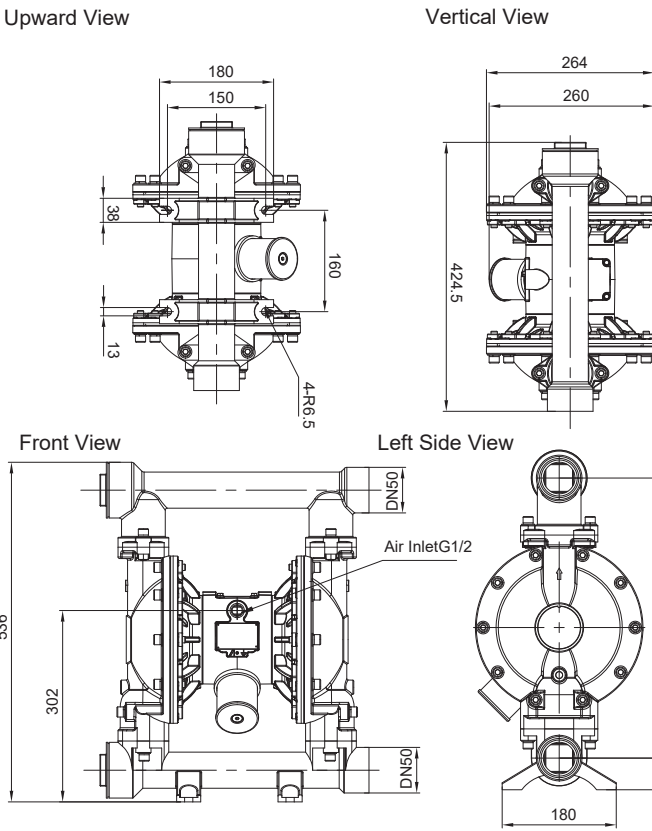
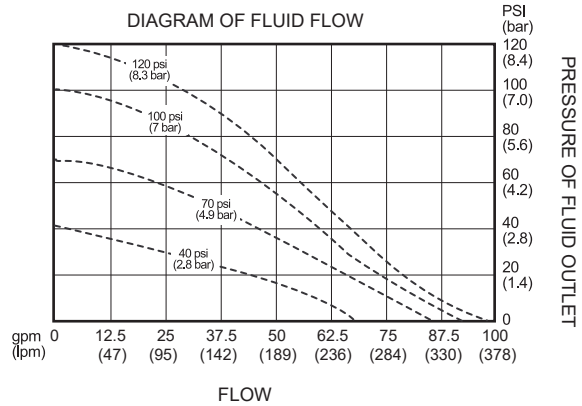
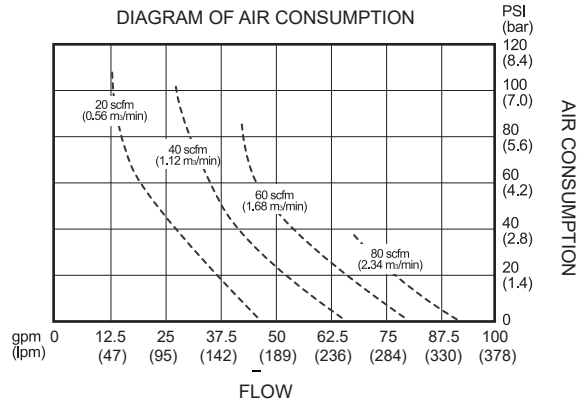
QBY3-50
QBY3-65

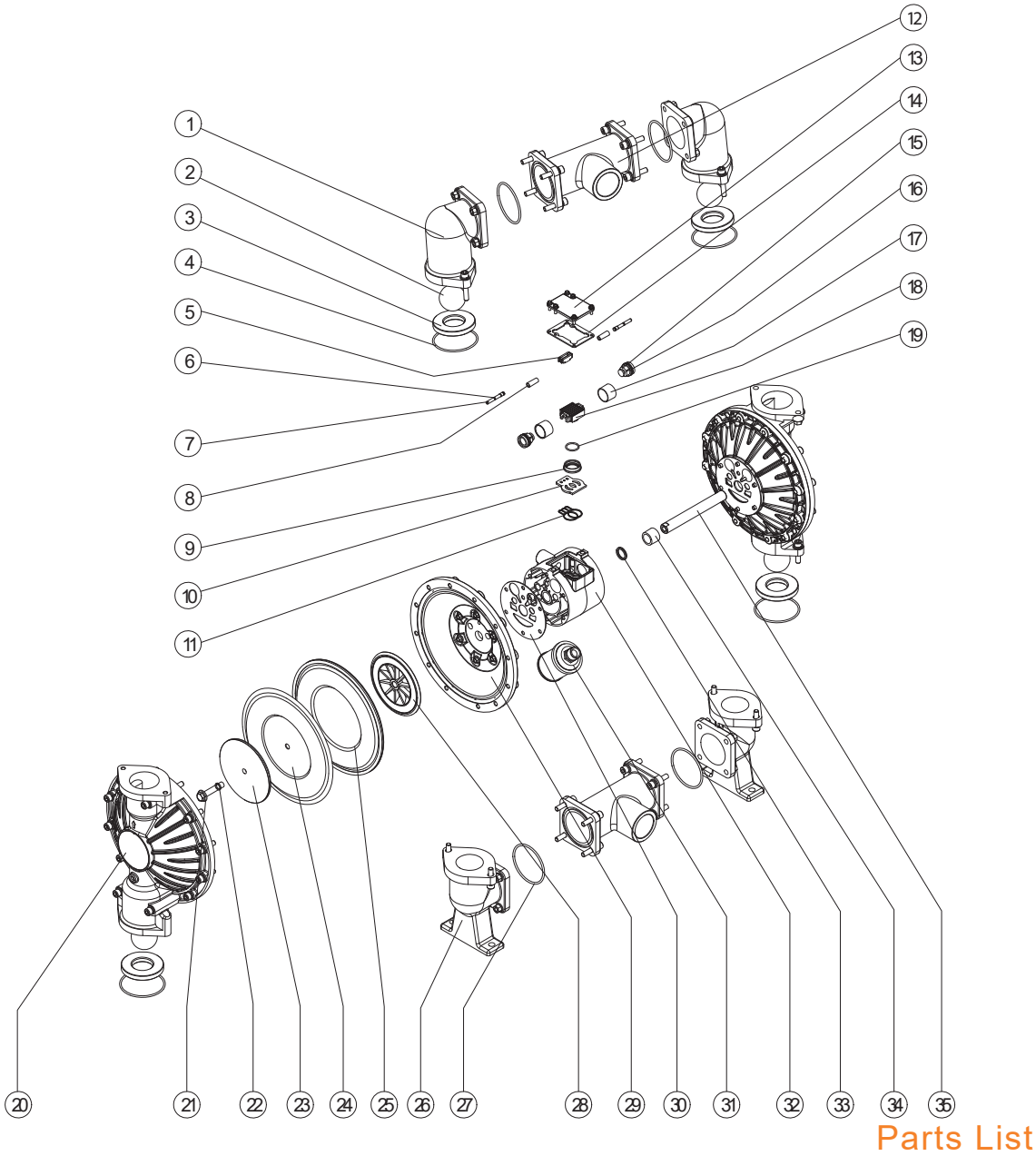
Stainless steel / Nodular cast iron

Specifications

	QBY3-50	QBY3-65
Max. Flow Rate	378.5 lpm	378.5 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN65 (2-1/2")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	4.8 mm	4.8 mm
Max. Air Consumption	0.9 m³/min	0.9 m³/min
Air Compressor Power	7.5 kw	7.5 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	200 cpm	200 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions





No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Tee
13	Air Valve Cover	14	Air Valve Cover Washer	15	Piston	16	V-ring
17	Piston Sleeve	18	Large Slider	19	Large Slider O-ring	20	Stand Column
21	Splint Screw	22	Splint O-ring	23	Outer Splint	24	Teflon Diaphragm
25	Santoprene Diaphragm	26	Lower Elbow	27	Tee Sealing Ring	28	Inner Splint
29	Clap Board	30	Air Valve Chamber Washer	31	Muffler	32	Air Valve Chamber
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		

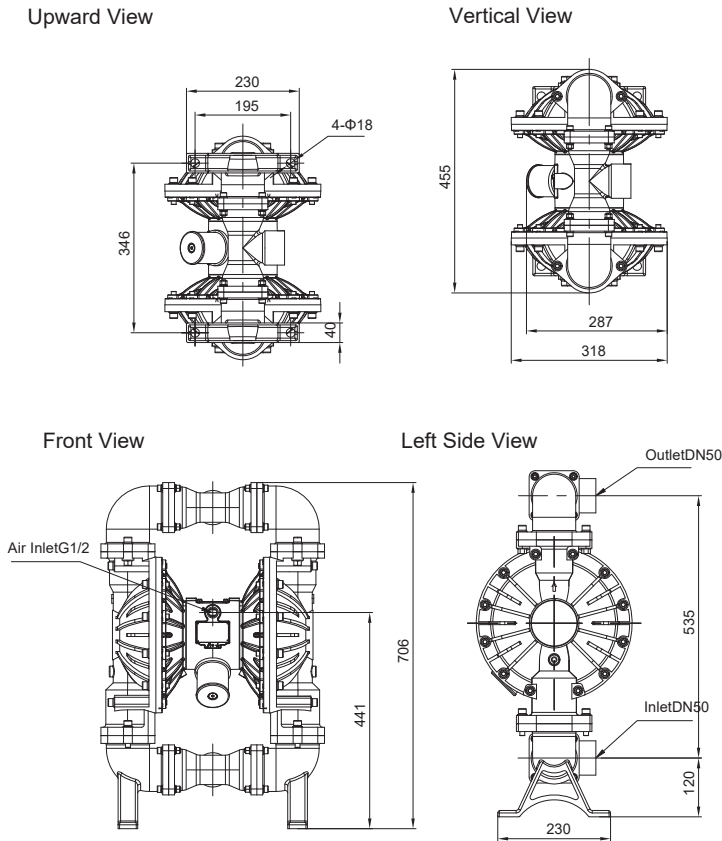
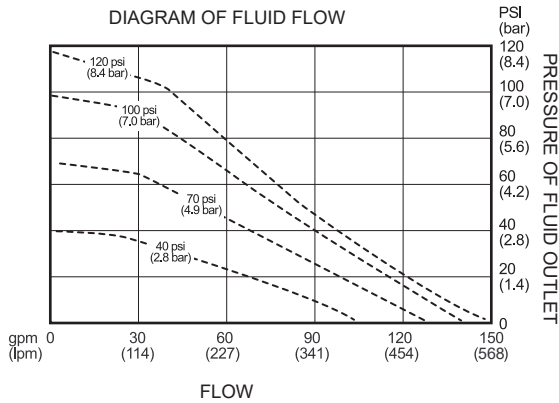
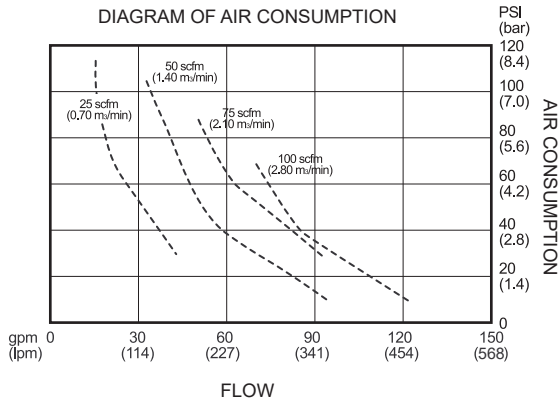


BFQ-50
Aluminum alloy / Stainless steel / Nodular cast iron

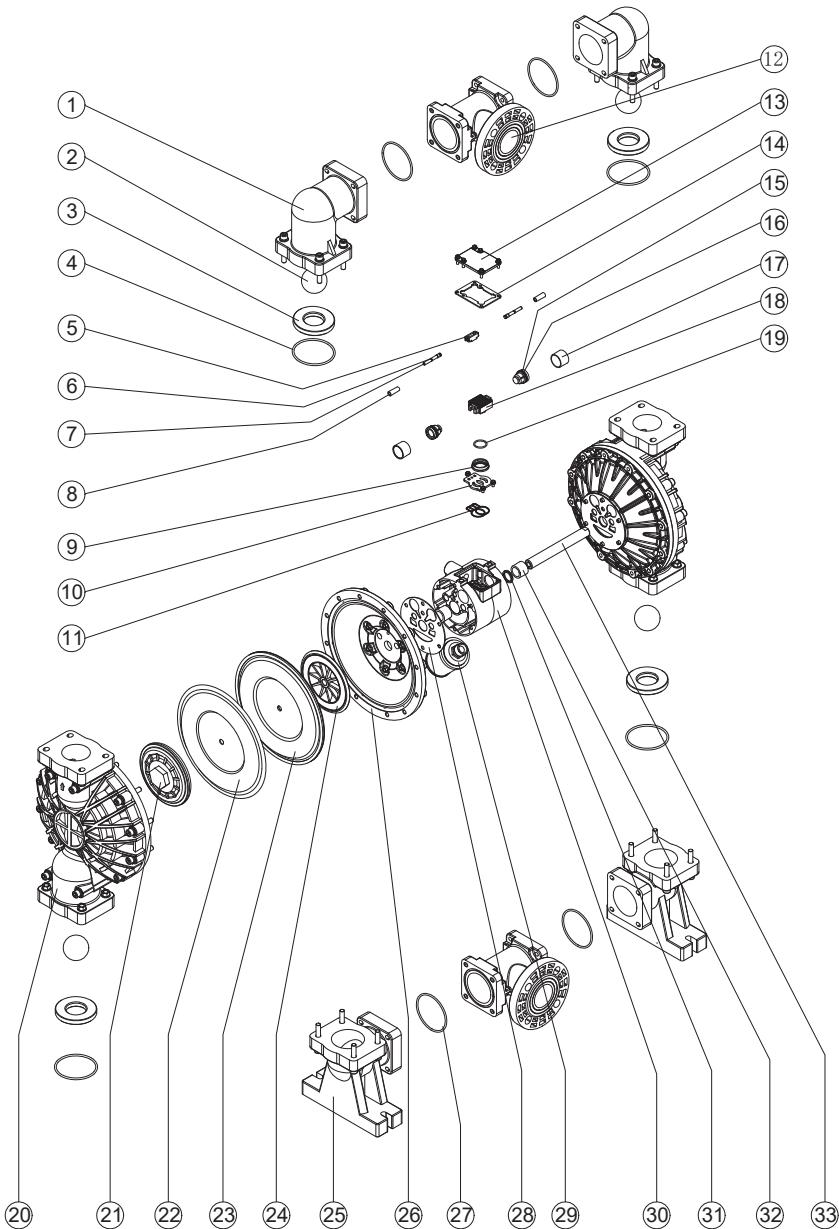
Specifications

	BFQ-50
Max. Flow Rate	568 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN50 (2")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	6.4 mm
Max. Air Consumption	1.5~2.0 m³/min
Air Compressor Power	11~15 kw
Every Reciprocating Flow	3.9 L
Max. Reciprocating Speed	145 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Tee Flange
13	Air Valve Cover	14	Air Valve Cover Washer	15	Piston	16	V-ring
17	Piston Sleeve	18	Large Slider	19	Large Slider O-ring	20	Stand Column
21	Outer Splint	22	Teflon Diaphragm	23	Santoprene Diaphragm	24	Inner Splint
25	Lower Elbow	26	Clap Board	27	Tee Sealing Ring	28	Air Valve Chamber Washer
29	Muffler	30	Air Valve Chamber	31	V-ring	32	Connecting Rod Axis Sleeve
33	Connecting Rod Axis						



Engineering plastics



Fluorine plastic

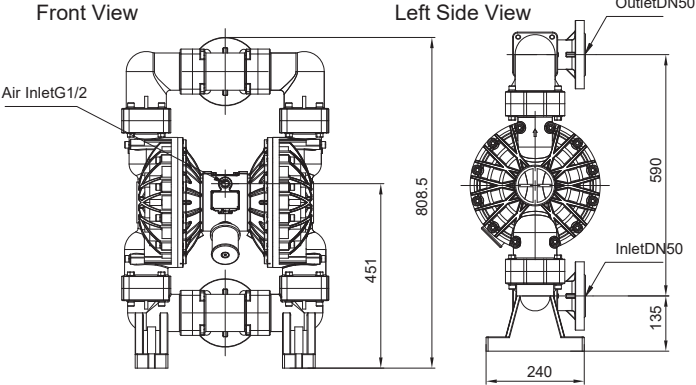
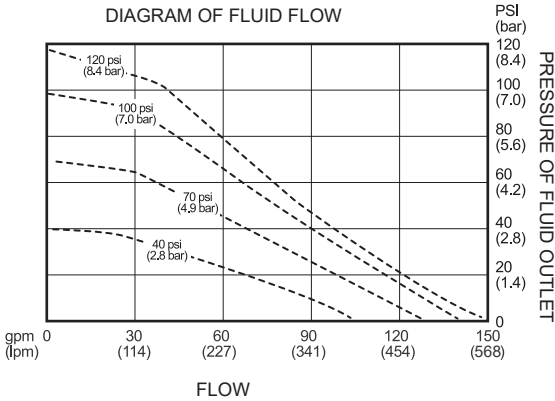
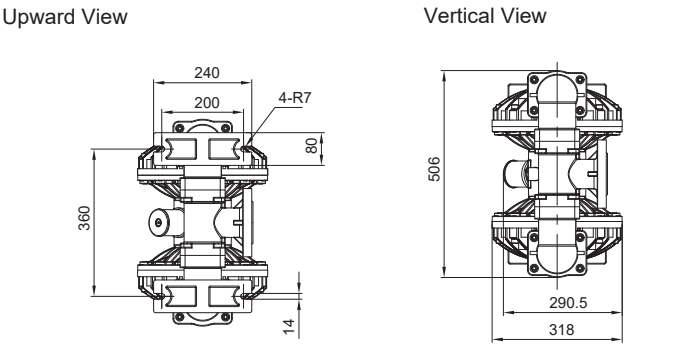
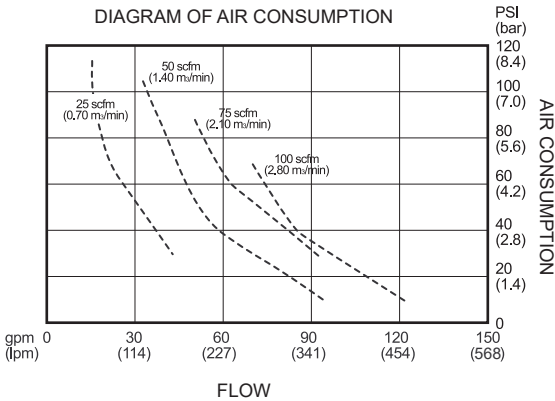
BFQ-50

Engineering plastics / Fluorine plastic

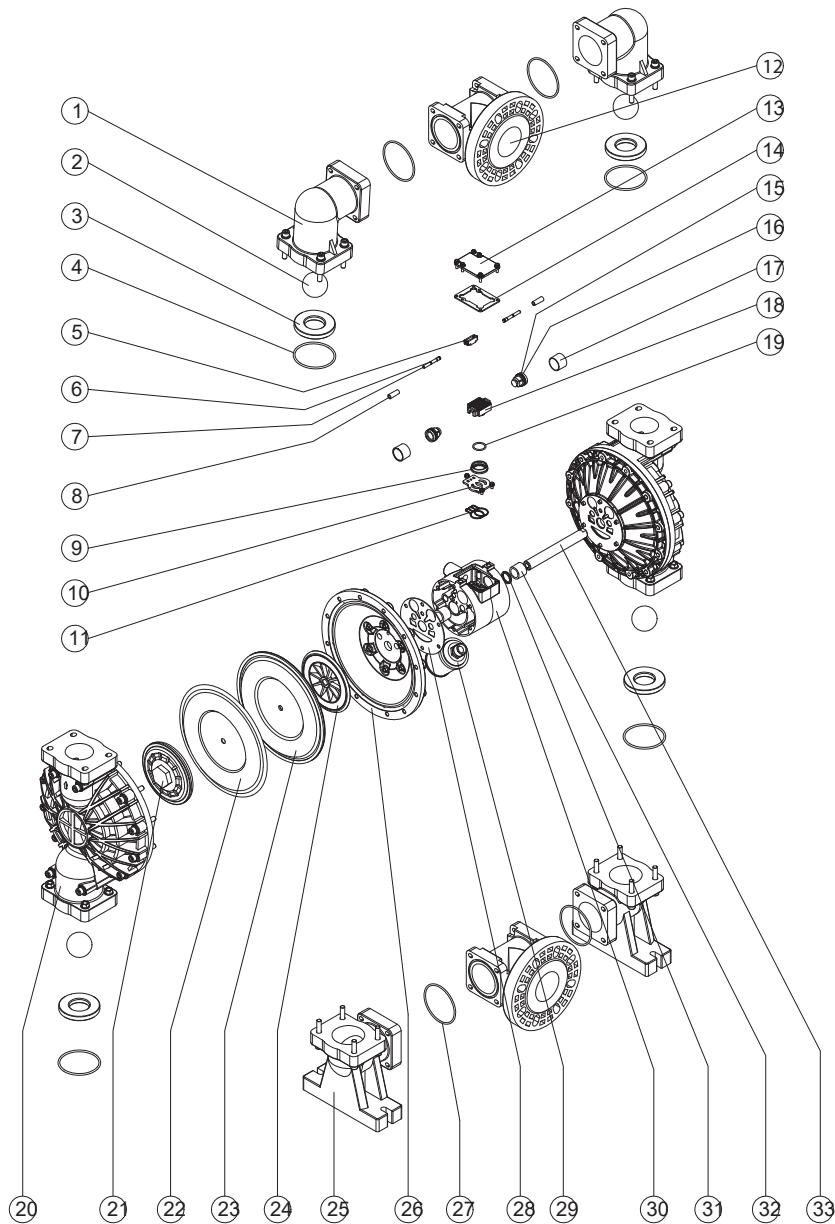
Specifications

	BFQ-50
Max. Flow Rate	568 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN50 (2")
Air Inlet Size	1/2"G (bspp)
Max. Particle Size	6.4 mm
Max. Air Consumption	1.5~2.0 m³/min
Air Compressor Power	11~15 kw
Every Reciprocating Flow	3.9 L
Max. Reciprocating Speed	145 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Tee Flange
13	Air Valve Cover	14	Air Valve Cover Washer	15	Piston	16	V-ring
17	Piston Sleeve	18	Large Slider	19	Large Slider O-ring	20	Stand Column
21	Outer Splint	22	Teflon Diaphragm	23	Santoprene Diaphragm	24	Inner Splint
25	Lower Elbow	26	Clap Board	27	Tee Sealing Ring	28	Air Valve Chamber Washer
29	Muffler	30	Air Valve Chamber	31	V-ring	32	Connecting Rod Axis Sleeve
33	Connecting Rod Axis						



Engineering plastics



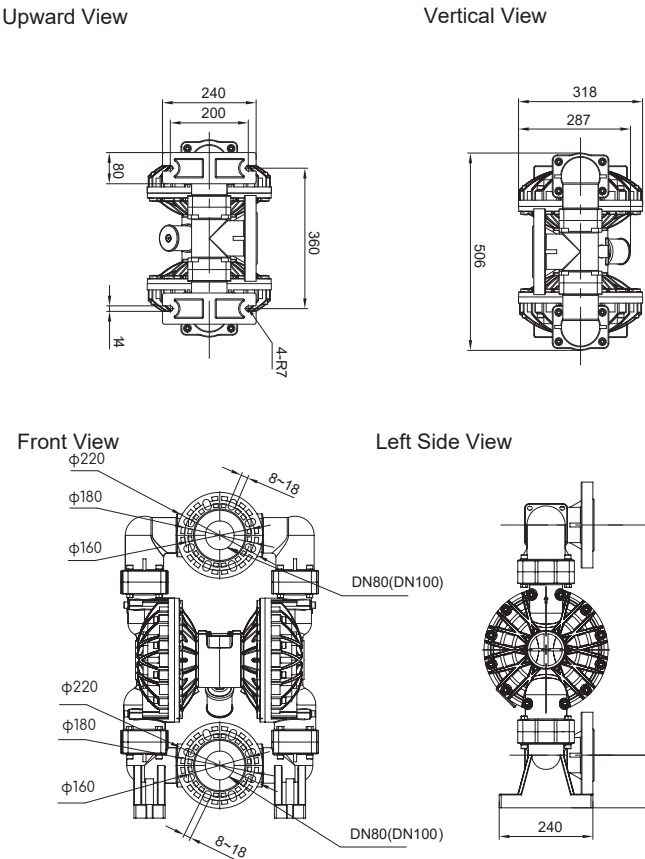
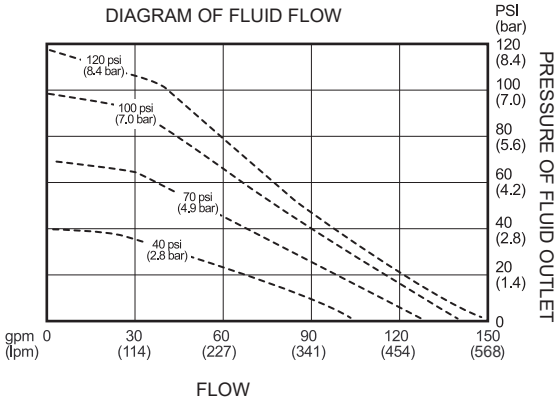
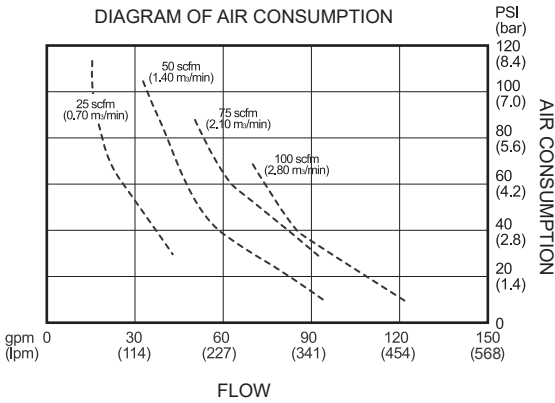
Fluorine plastic

QBY3-80
QBY3-100
Engineering plastics / Fluorine plastic

Specifications

	QBY3-80	QBY3-100
Max. Flow Rate	568 lpm	568 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN100 (4")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	6.4 mm	6.4 mm
Max. Air Consumption	1.5~2.0 m³/min	1.5~2.0 m³/min
Air Compressor Power	11~15 kw	11~15 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	145 cpm	145 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



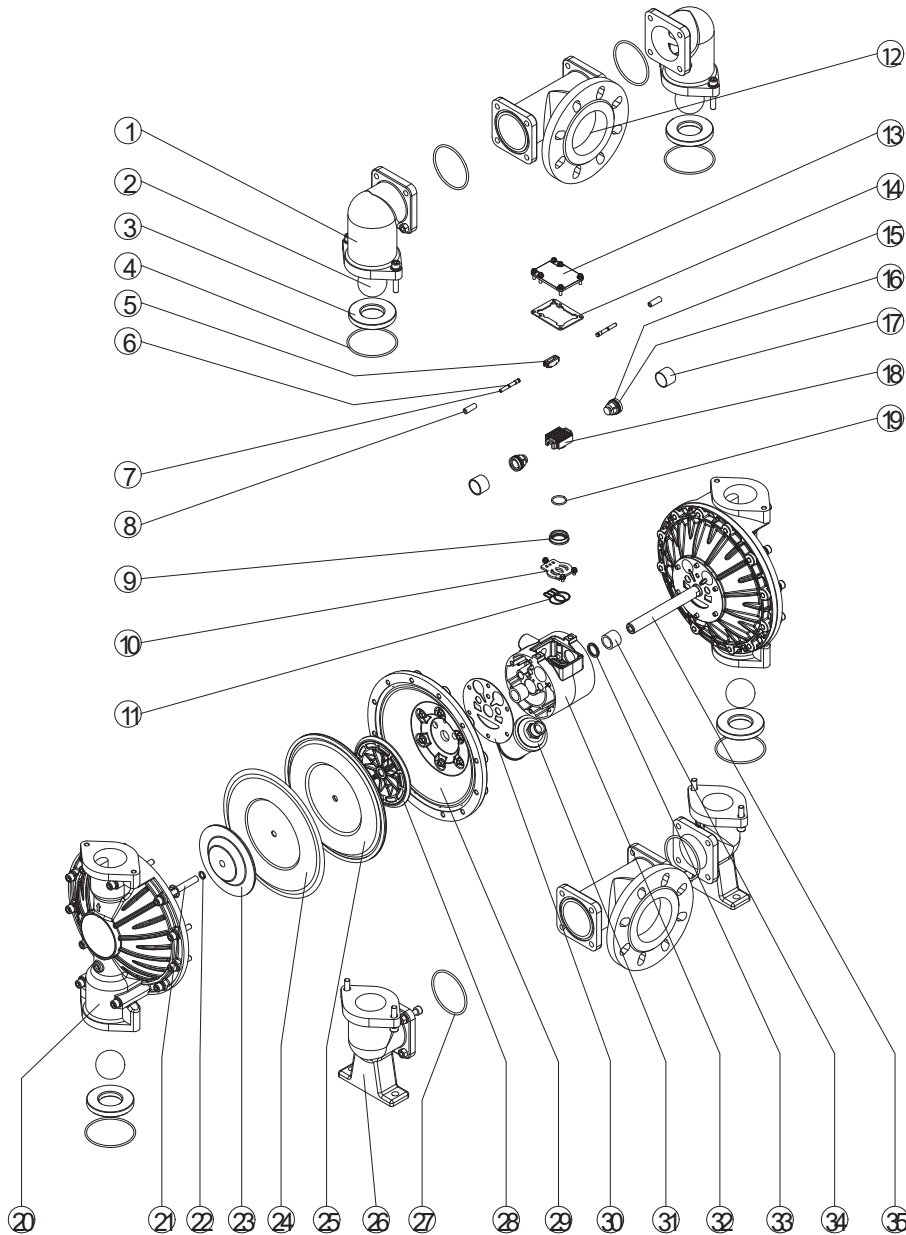
Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

QBY3-80
QBY3-100
Aluminum alloy

Specifications

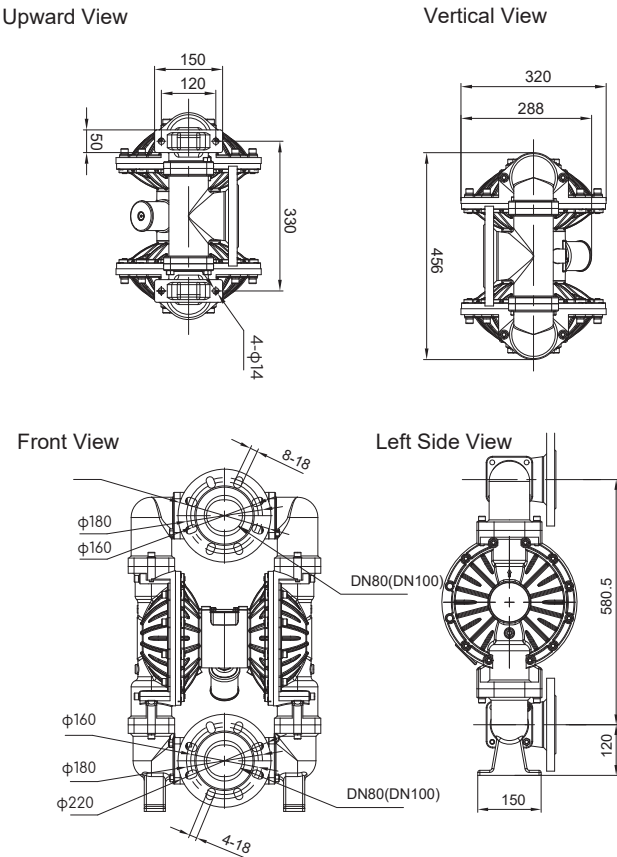
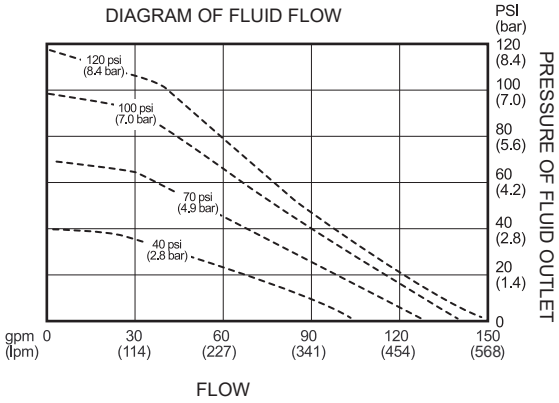
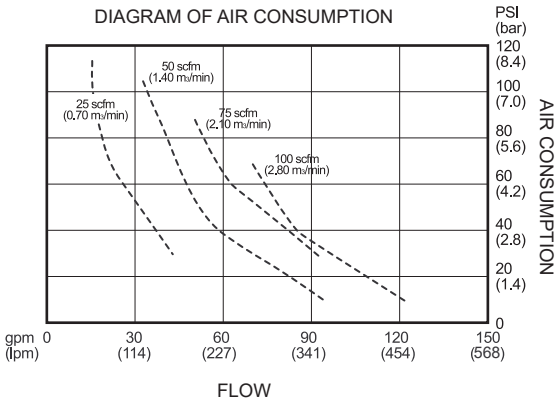
	QBY3-80	QBY3-100
Max. Flow Rate	568 lpm	568 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN100 (4")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	6.4 mm	6.4 mm
Max. Air Consumption	1.5~2.0 m³/min	1.5~2.0 m³/min
Air Compressor Power	11~15 kw	11~15 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	145 cpm	145 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions

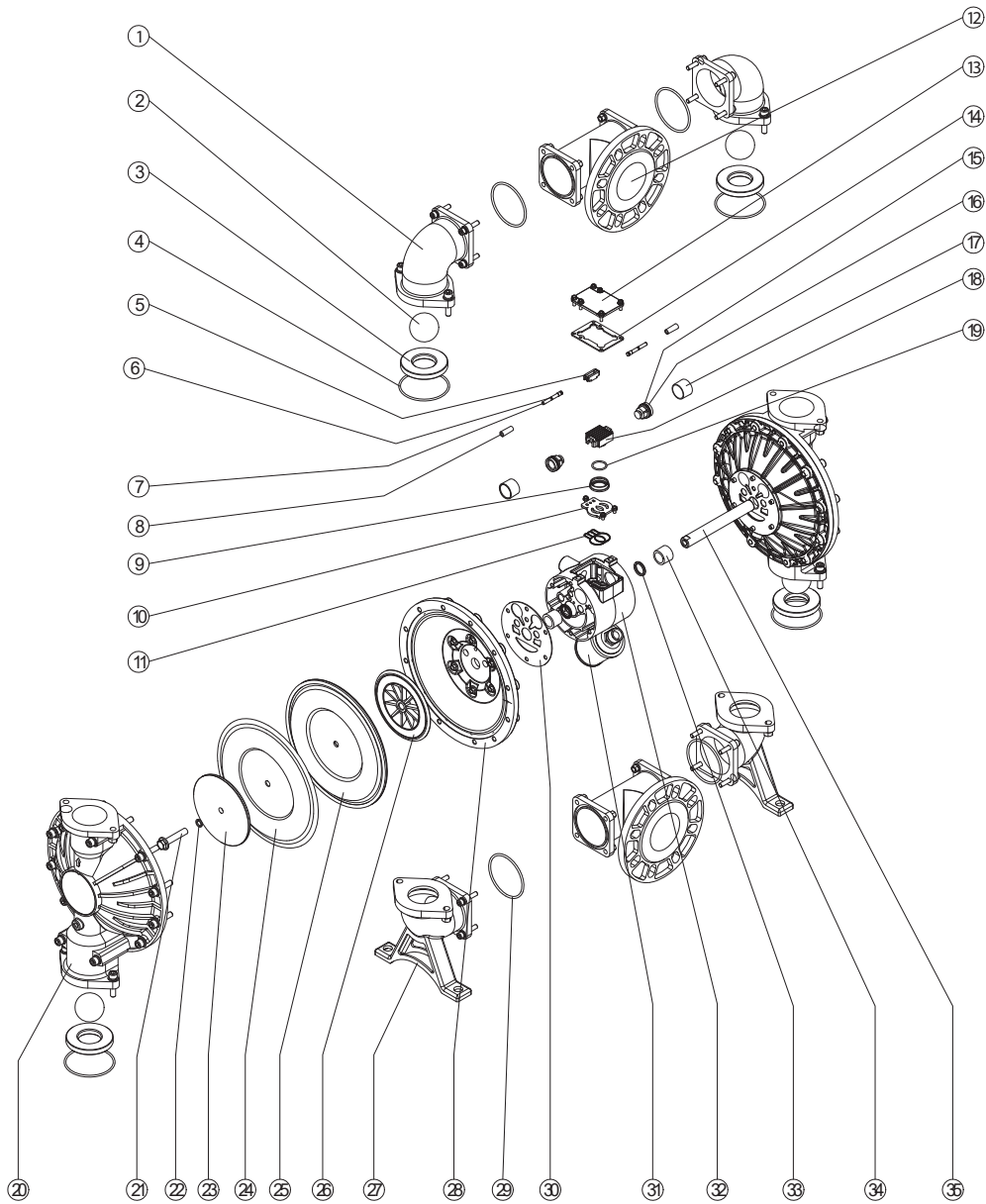


Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Tee Flange
13	Air Valve Cover	14	Air Valve Cover Washer	15	Piston	16	V-ring
17	Piston Sleeve	18	Large Slider	19	Large Slider O-ring	20	Stand Column
21	Splint Screw	22	Splint O-ring	23	Outer Splint	24	Teflon Diaphragm
25	Santoprene Diaphragm	26	Lower Elbow	27	Tee Sealing Ring	28	Inner Splint
29	Clap Board	30	Air Valve Chamber Washer	31	Muffler	32	Air Valve Chamber
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	PTFE Ball	03	PTFE Ball Seat	04	PTFE Ball Seat Sealing Ring
05	Small Slider	06	Booster Power Lever O-ring	07	Booster Power Lever	08	Booster Power Lever Sleeve
09	Large Slider Seat	10	Boot Block	11	Boot Block Washer	12	Tee Flange
13	Air Valve Cover	14	Air Valve Cover Washer	15	Piston	16	V-ring
17	Piston Sleeve	18	Large Slider	19	Large Slider O-ring	20	Stand Column
21	Splint Screw	22	Splint O-ring	23	Outer Splint	24	Teflon Diaphragm
25	Santoprene Diaphragm	26	Inner Splint	27	Lower Elbow	28	Clap Board
29	Tee Sealing Ring	30	Air Valve Chamber Washer	31	Muffler	32	Air Valve Chamber
33	V-ring	34	Connecting Rod Axis Sleeve	35	Connecting Rod Axis		



Nodular cast iron

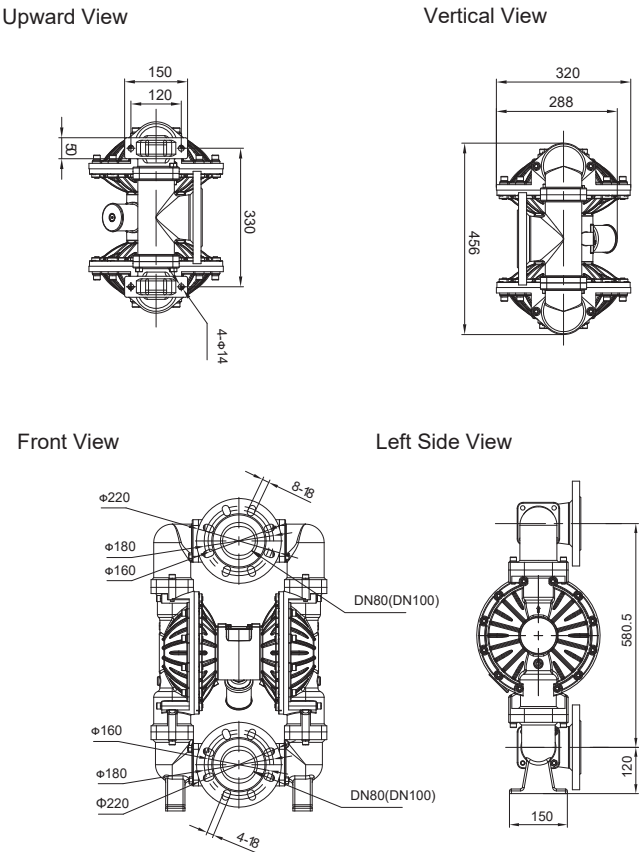
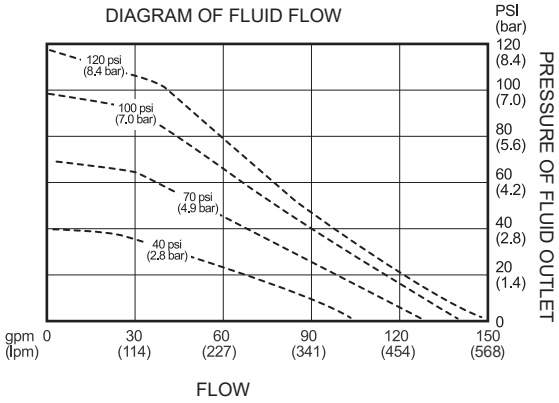
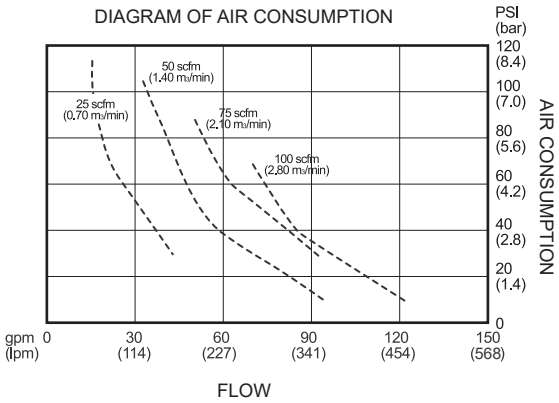
Stainless steel

QBY3-80
QBY3-100
Stainless steel / Nodular cast iron

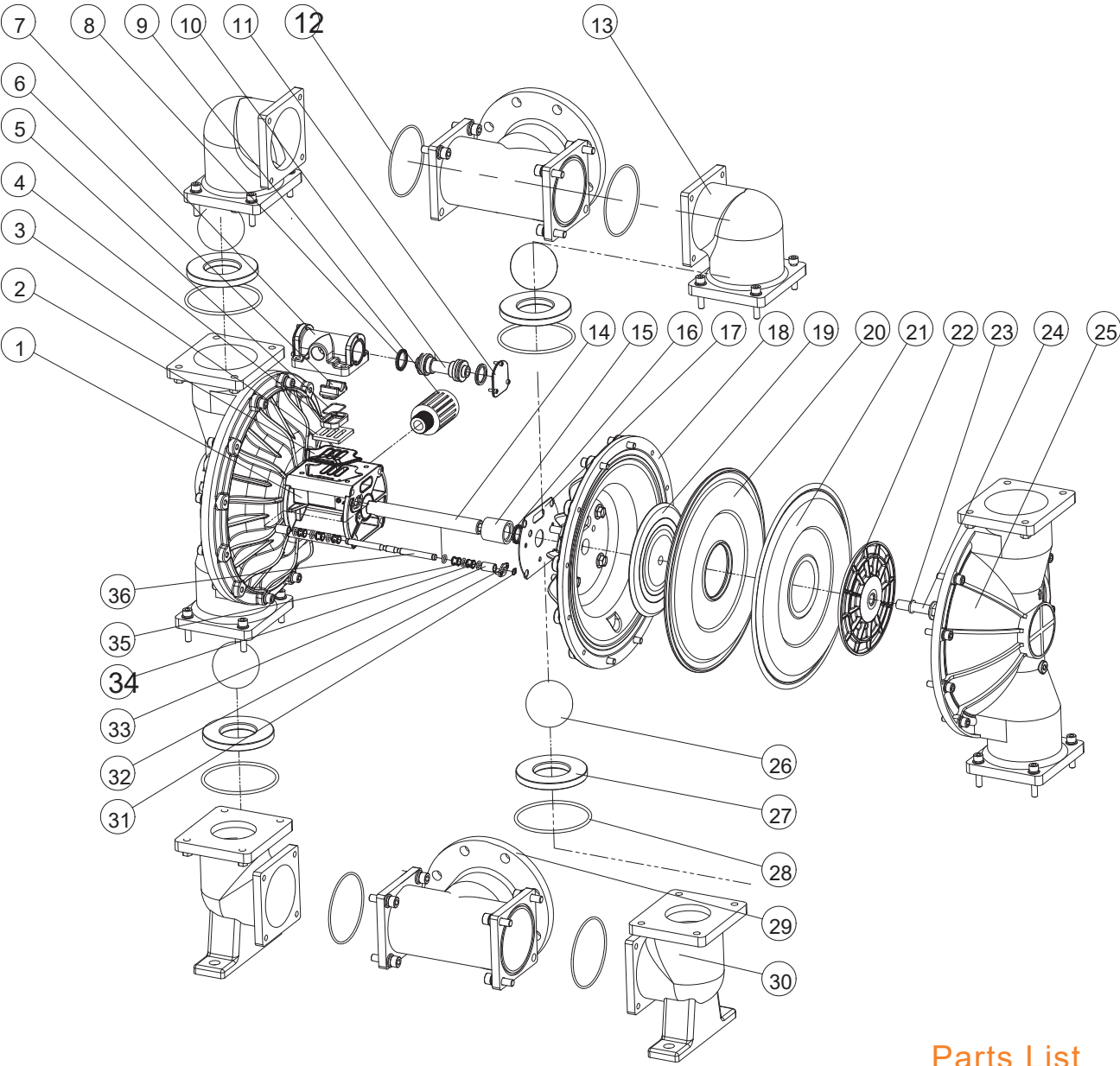
Specifications

	QBY3-80	QBY3-100
Max. Flow Rate	568 lpm	568 lpm
Max. Head	84 m	84 m
Max. Suction Height	5.48 m	5.48 m
Max. Working Pressure	8.4 bar	8.4 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN100 (4")
Air Inlet Size	1/2"G (bspp)	1/2"G (bspp)
Max. Particle Size	6.4 mm	6.4 mm
Max. Air Consumption	1.5~2.0 m³/min	1.5~2.0 m³/min
Air Compressor Power	11~15 kw	11~15 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	145 cpm	145 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Air Valve Chamber	02	Boot Block Washer	03	Boot Block	04	Slider Seat
05	Slider O-ring	06	Slider	07	Air Valve Body	08	V-ring
09	Muffler	10	Piston	11	Air Valve Body Baffle	12	Tee Sealing Ring
13	Upper Elbow	14	Connecting Rod Axis	15	Connecting Rod Axis Sleeve	16	V-ring
17	Air Valve Chamber Washer	18	Clap Board	19	Inner Splint	20	Santoprene Diaphragm
21	Teflon Diaphragm	22	Outer Splint	23	Splint O-ring	24	Splint Screw
25	Stand Column	26	Ball Valve	27	Ball Seat	28	Ball Seat Sealing Ring
29	Tee	30	Lower Elbow	31	Booster Power Lever Check Ring	32	Booster Power Lever Gland
33	Booster Power Lever Sleeve	34	Booster Power Lever O-ring	35	Air Change Valve Sleeve	36	Booster Power Lever



Nodular cast iron



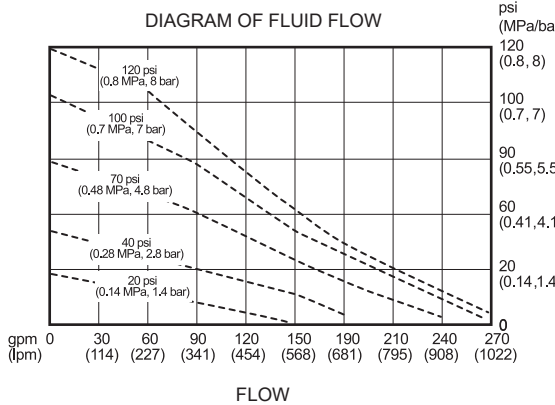
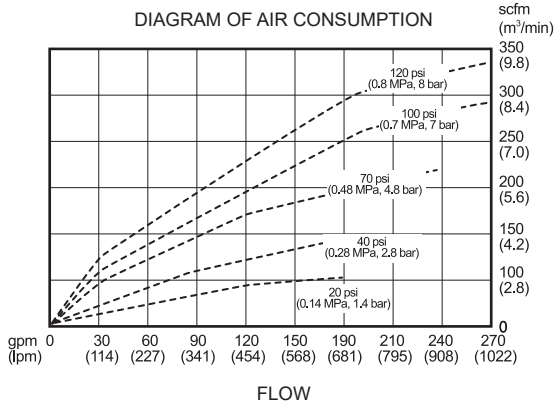
Stainless steel

BFQ-80
Aluminum alloy / Stainless steel / Nodular cast iron

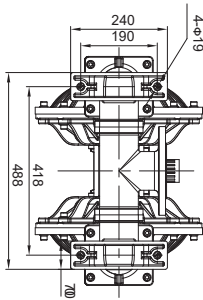
Specifications

	BFQ-80
Max. Flow Rate	1041 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN80 (3")
Air Inlet Size	3/4"G (bspp)
Max. Particle Size	9.4 mm
Max. Air Consumption	3.0 m³/min
Air Compressor Power	18.5~22 kw
Every Reciprocating Flow	7.6 L
Max. Reciprocating Speed	135 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

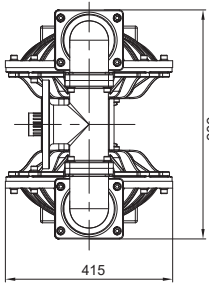
Installation dimensions



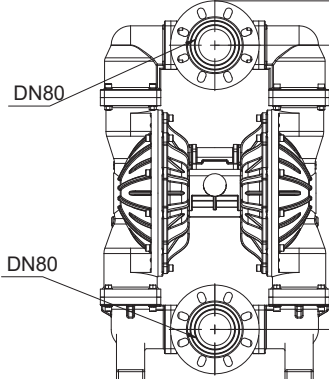
Upward View



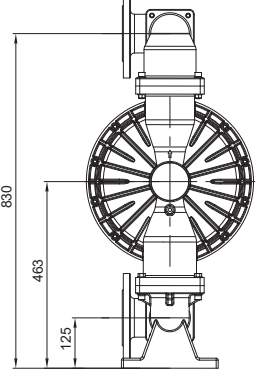
Vertical View

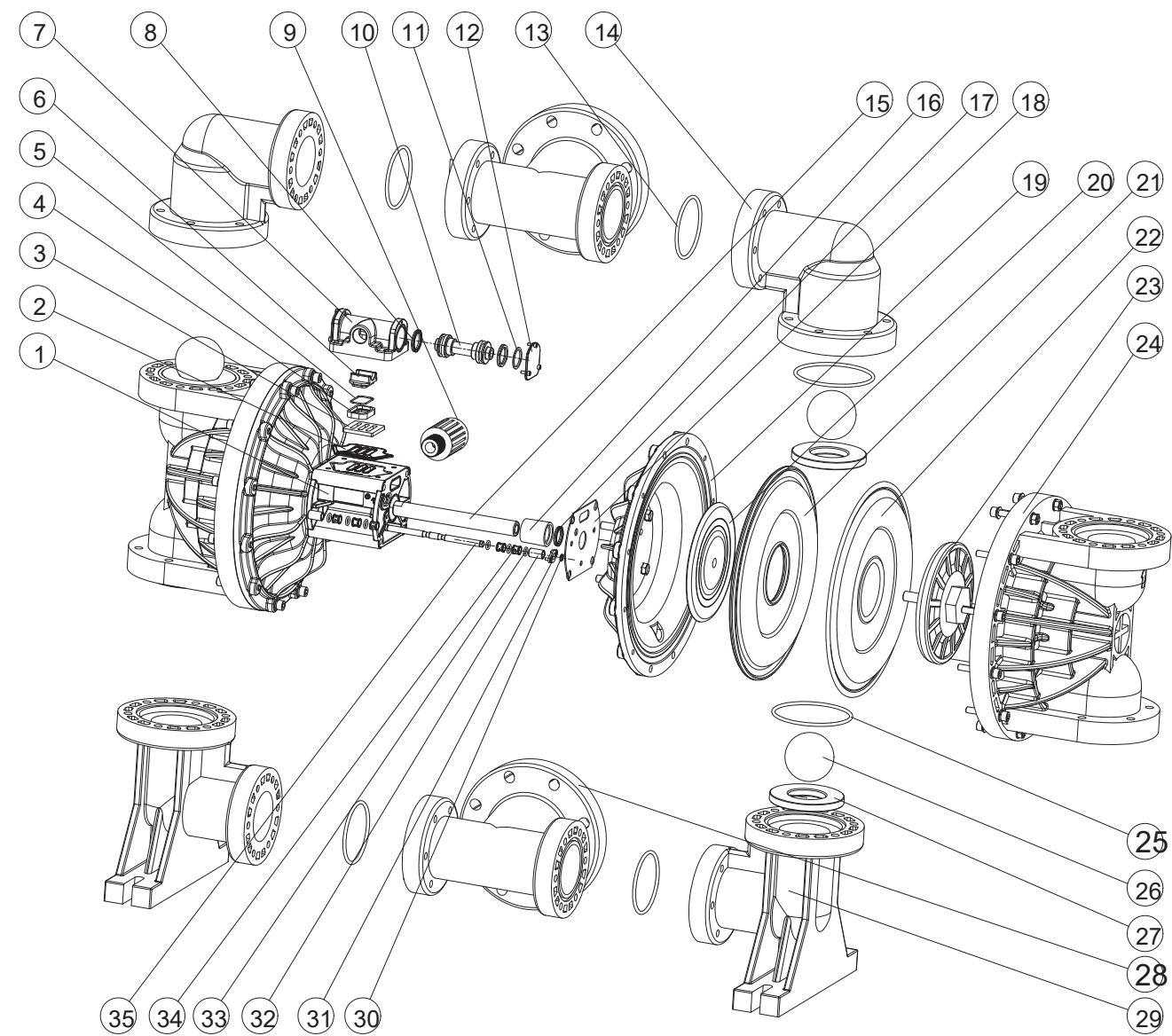


Front View



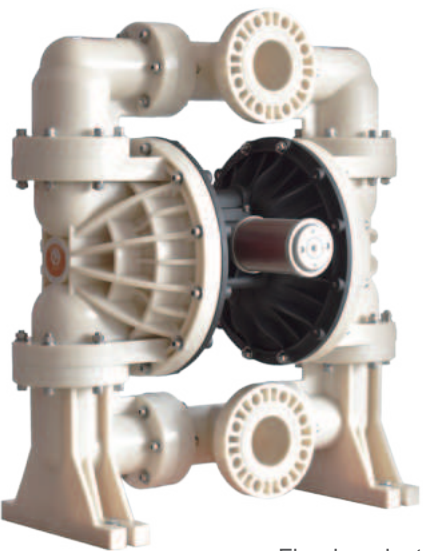
Left Side View





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Air Valve Chamber	02	Boot Block Washer	03	Boot Block	04	Slider Seat
05	Slider O-ring	06	Slider	07	Air Valve Body	08	V-ring
09	Muffler	10	Piston	11	Air Valve Body O-ring	12	Air Valve Body Baffle
13	Tee Sealing Ring	14	Upper Elbow	15	Connecting Rod Axis	16	Connecting Rod Axis Sleeve
17	V-ring	18	Air Valve Chamber Washer	19	Clap Board	20	Inner Splint
21	Santoprene Diaphragm	22	Teflon Diaphragm	23	Outer Splint	24	Stand Column
25	Ball Seat Sealing Ring	26	Ball Valve	27	Ball Seat	28	Tee
29	Lower Elbow	30	Booster Power Lever Check Ring	31	Booster Power Lever Gland	32	Booster Power Lever Sleeve
33	Booster Power Lever O-ring	34	Air Change Valve Sleeve	35	Booster Power Lever		



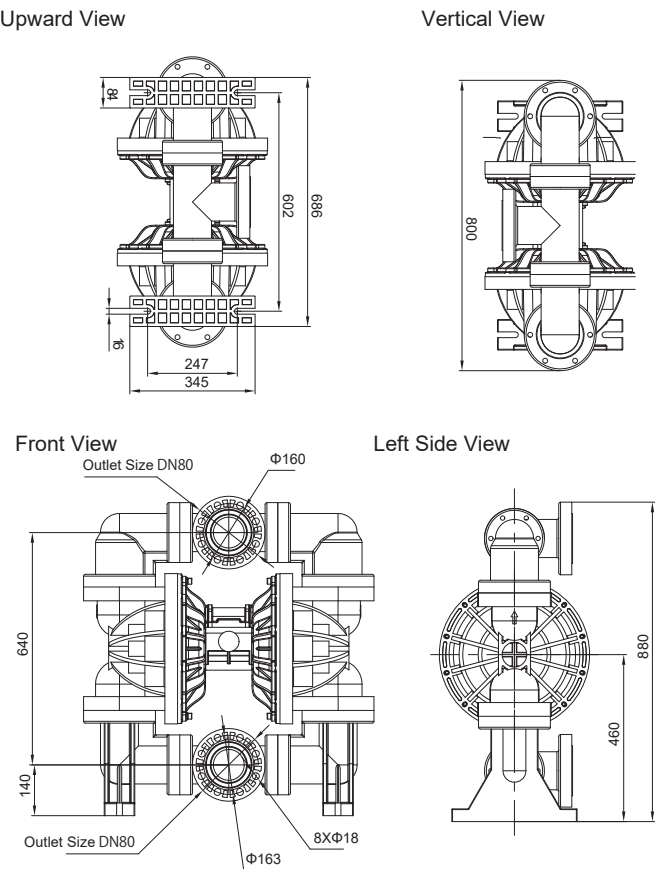
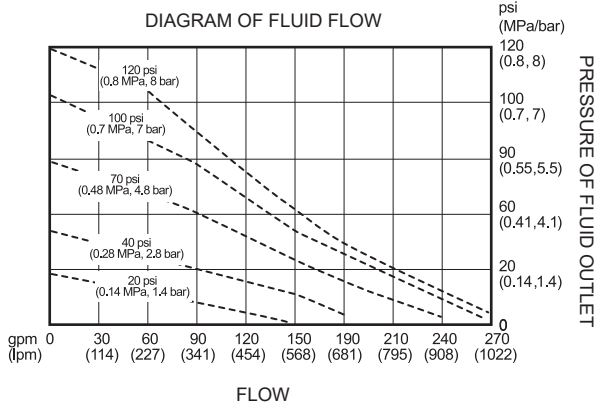
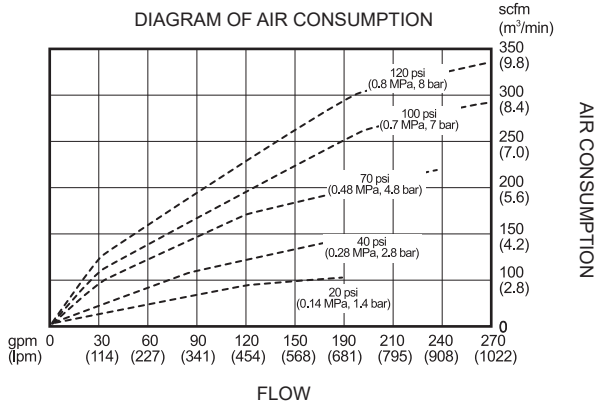
Fluorine plastic

BFQ-80
Engineering plastics / Fluorine plastic

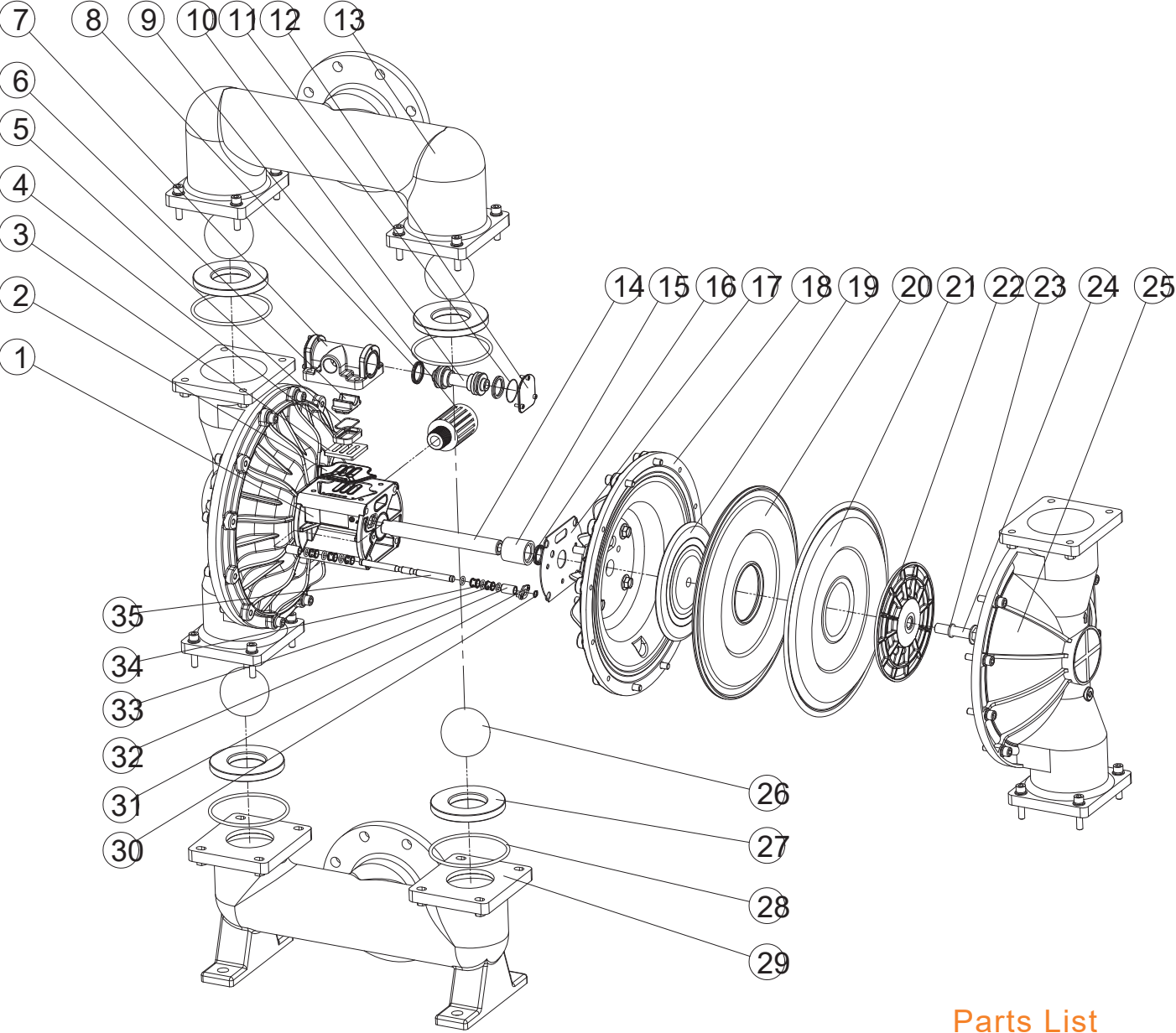
Specifications

Max. Flow Rate	1041 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN80 (3")
Air Inlet Size	3/4"G (bspp)
Max. Particle Size	9.4 mm
Max. Air Consumption	3.0 m³/min
Air Compressor Power	18.5~22 kw
Every Reciprocating Flow	7.6 L
Max. Reciprocating Speed	135 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Air Valve Chamber	02	Boot Block Washer	03	Boot Block	04	Slider Seat
05	Slider O-ring	06	Slider	07	Air Valve Body	08	V-ring
09	Muffler	10	Piston	11	Air Valve Body O-ring	12	Air Valve Body Baffle
13	Outlet Manifold	14	Connecting Rod Axis	15	Connecting Rod Axis Sleeve	16	V-ring
17	Air Valve Chamber Washer	18	Clap Board	19	Inner Splint	20	Santoprene Diaphragm
21	Teflon Diaphragm	22	Outer Splint	23	Splint O-ring	24	Splint Screw
25	Stand Column	26	Ball Valve	27	Ball Seat	28	Ball Seat Sealing Ring
29	Inlet Manifold	30	Booster Power Lever Check Ring	31	Booster Power Lever Gland	32	Booster Power Lever Sleeve
33	Booster Power Lever O-ring	34	Air Change Valve Sleeve	35	Booster Power Lever		

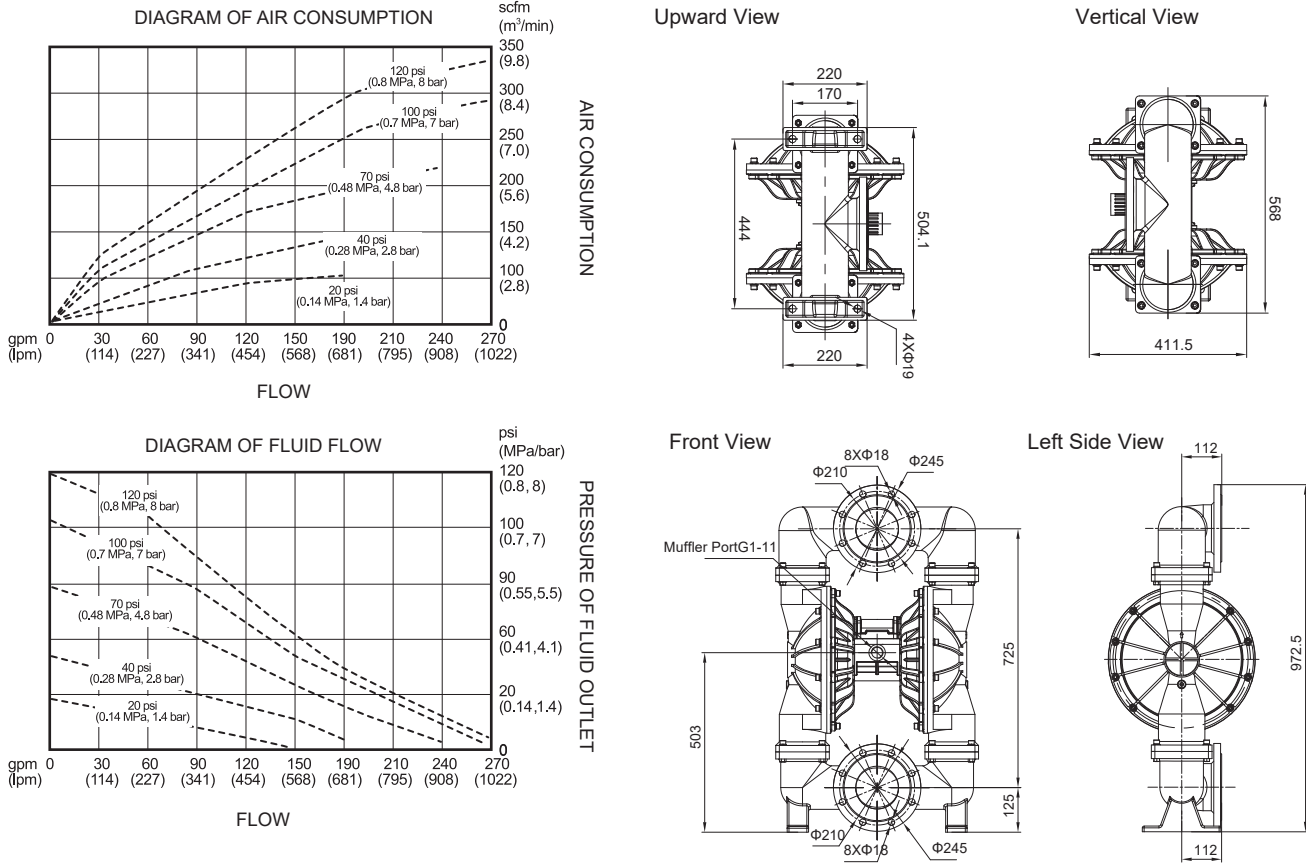
QBY4-125
Aluminium alloy

Specifications

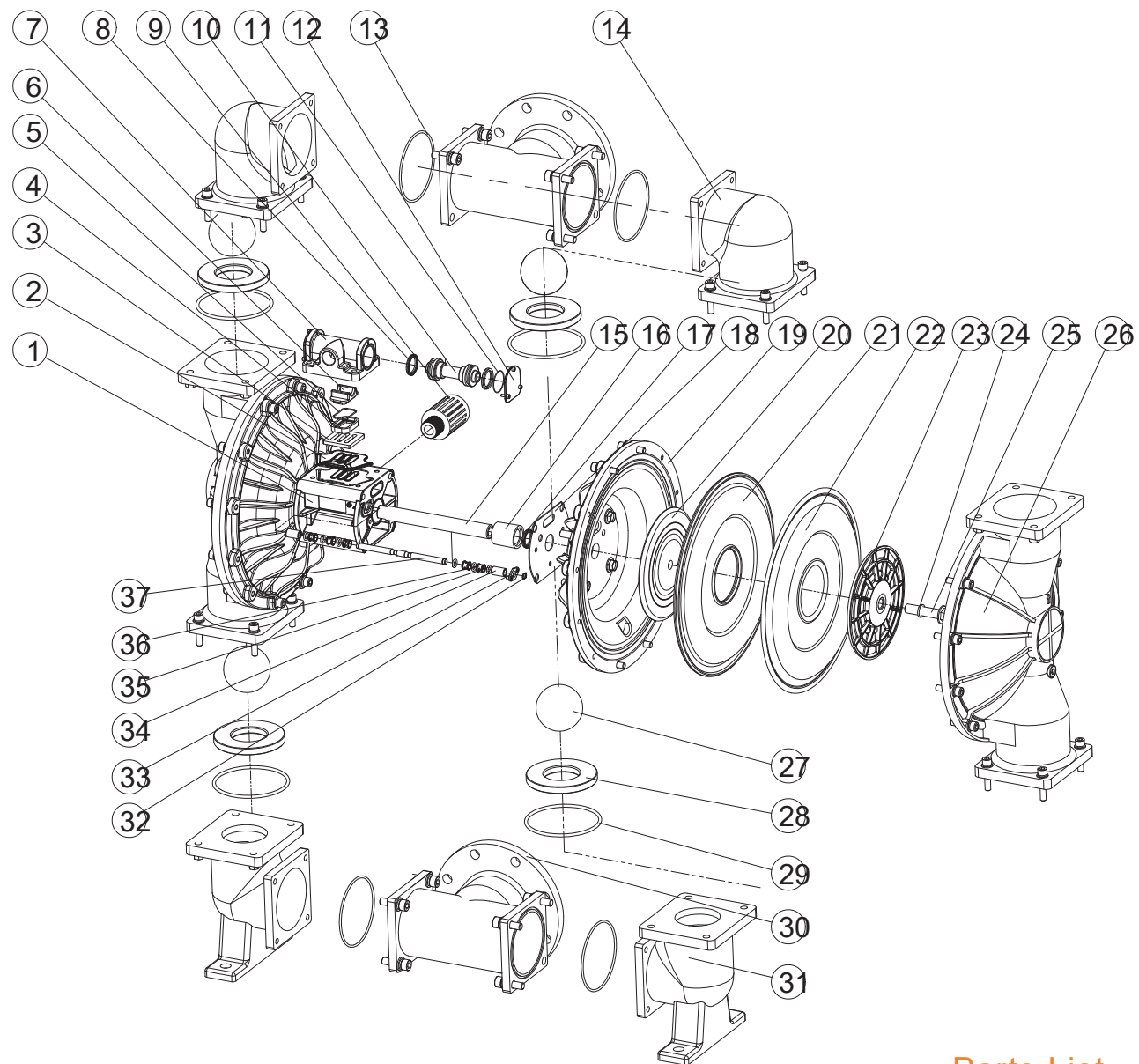
QBY4-125	
Max. Flow Rate	1041 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN125 (5")
Air Inlet Size	3/4"G (bspp)
Max. Particle Size	9.4 mm
Max. Air Consumption	3.0 m³/min
Air Compressor Power	18.5~22 kw
Every Reciprocating Flow	7.6 L
Max. Reciprocating Speed	135 cpm
Pump body structure materials:	Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF



Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

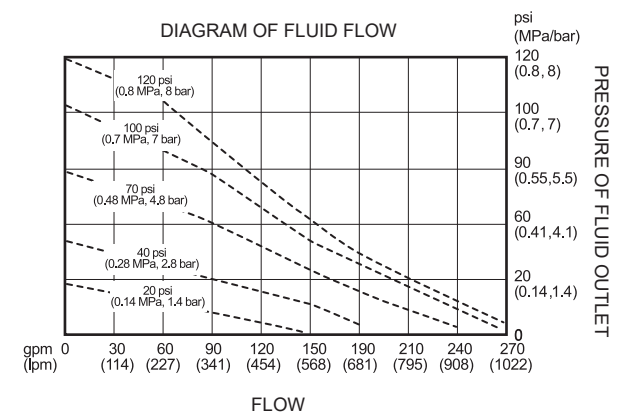
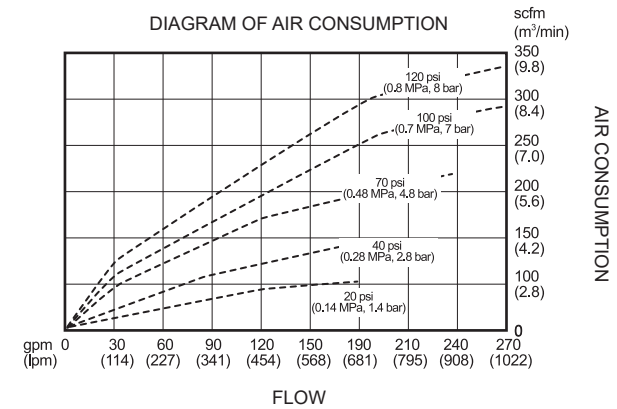


Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Air Valve Chamber	02	Boot Block Washer	03	Boot Block	04	Slider Seat
05	Slider O-ring	06	Slider	07	Air Valve Body	08	V-ring
09	Muffler	10	Piston	11	Air Valve Body O-ring	12	Air Valve Body Baffle
13	Tee Sealing Ring	14	Upper Elbow	15	Connecting Rod Axis	16	Connecting Rod Axis Sleeve
17	V-ring	18	Air Valve Chamber Washer	19	Clap Board	20	Inner Splint
21	Santoprene Diaphragm	22	Teflon Diaphragm	23	Outer Splint	24	Splint O-ring
25	Splint Screw	26	Stand Column	27	Ball Valve	28	Ball Seat
29	Ball Seat Sealing Ring	30	Tee	31	Lower Elbow	32	Booster Power Lever Check Ring
33	Booster Power Lever Gland	34	Booster Power Lever Sleeve	35	Booster Power Lever O-ring	36	Air Change Valve Sleeve
37	Booster Power Lever						



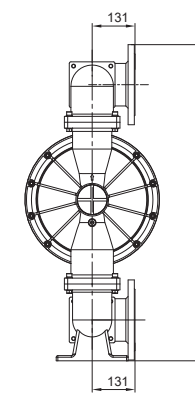
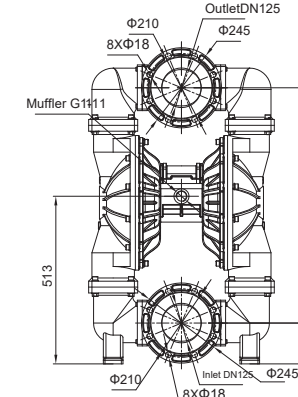
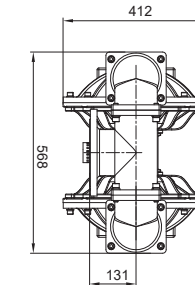
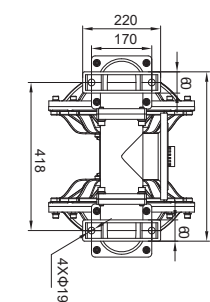
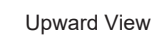
Stainless steel



Specifications

	QBY4-125
Max. Flow Rate	1041 lpm
Max. Head	84 m
Max. Suction Height	5.48 m
Max. Working Pressure	8.4 bar
Fluid Inlet/Outlet Size	DN125 (5")
Air Inlet Size	3/4"G (bspp)
Max. Particle Size	9.4 mm
Max. Air Consumption	3.0 m³/min
Air Compressor Power	18.5~22 kw
Every Reciprocating Flow	7.6 L
Max. Reciprocating Speed	135 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF	

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice.
Please consult sales for latest product size.



DBY3/BFD series electric diaphragm pump adopts cycloid reducer drive, through the crankshaft slider mechanism to drive double diaphragm reciprocating motion, so that the volume of the working chamber changes alternately so as to achieve liquid suction and discharge. At the same time, in recent years due to the diaphragm material has made breakthrough progress, greatly prolong the service life of the diaphragm, it is more and more widely replaced part of the centrifugal pump and screw pump to be used in petrochemical, ceramic, metallurgy and other industries.

Advantages

- Self-priming ability of more than 7 m without irrigation water.
- Good performance, particles below 10mm, slurry, etc. can effortlessly pass through.
- Since the diaphragm is separated from the conveying medium and transmission machinery, the media will not be leaked out. And the pump itself has no shaft seal, which greatly extended service life. Depending on the medium, the diaphragm can be divided into santoprene, teflon, PTFE, etc., which can meet different customer needs.
- The fluid contact part of pump body according to customer requirements, are divided into cast steel, nodular cast iron, stainless steel, aluminum alloy, PP, PVDF. Motors can be divided into ordinary, variable frequency, explosion-proof.

SCOPE OF APPLICATION

- ◎ Pump a variety of highly toxic, flammable, volatile liquids.
- ◎ Pump a variety of strong acid, strong alkali, strong corrosive liquids.
- ◎ Can transport high temperature medium, up to 150°C.
- ◎ As a pre-stage pressure feeding device of various filter press.
- ◎ Hot water recovery and recycling.
- ◎ Tanker truck, oil depot and oil loading and unloading.
- ◎ Pump pickles, jam, mashed potatoes, chocolate, etc.
- ◎ Pump paint, gum, pigment adhesives.
- ◎ Pump a variety of porcelain glaze slurry, cement grouting, mortar, mud.
- ◎ Pump a variety of rubber pulp latex, organic solvents, fillers.
- ◎ Pumps are used to remove sewage and residual oil from tankers and barges.
- ◎ Pump hops and baking powder slurry, syrup, molasses.
- ◎ Pump sewage and sediment from mines, underground tunnels, tunnels and sewers.
- ◎ Pump various special media.

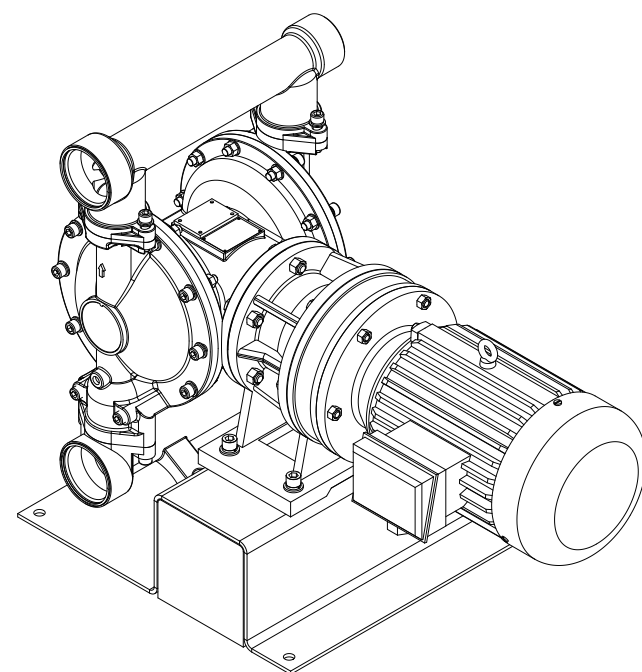


MODEL SIGNIFICANCE

Model Significance

DBY3 S B - 40 P F F F
BFD

Material of ball seat
Material of valve ball
Material of diaphragm
Material of fluid contact part
Inlet diameter
Type of motor
High pressure
Model of electric diaphragm pump



SUPERIORITIES

Outlet manifold

Outlet: Adopt double size pipe diameter, can support two types of external pipe at the same time. Stainless steel, aluminum alloy, cast steel, polypropylene and other materials are available.

Stand column

Stand column: Anti-corrosive, leak-resistant, convenient for clean. Fluid contact parts and air chamber, which are dealt with special processes, can totally withstand the poor working environment. Stainless steel, aluminum alloy, cast steel, polypropylene and other materials are available.

Center body

Center body: Anti-corrosive, leak-resistant, convenient for clean. Fluid contact parts and air chamber, which are dealt with special processes, can totally withstand the poor working environment.

Inlet manifold

Inlet: Adopt double size pipe diameter, can support two types of external pipe at the same time. Stainless steel, aluminum alloy, cast steel, polypropylene and other materials are available.

Motor

Motor: A high performance motor.

Copper ring

Copper ring: Effectively increase wear resistance, making the connecting rod axis longer service life.

Connecting rod axis

Connecting rod axis: Reasonable size and processing technology make sure a longer life for the connecting rod axis, as well as make the transmission more accurate.

Diaphragm

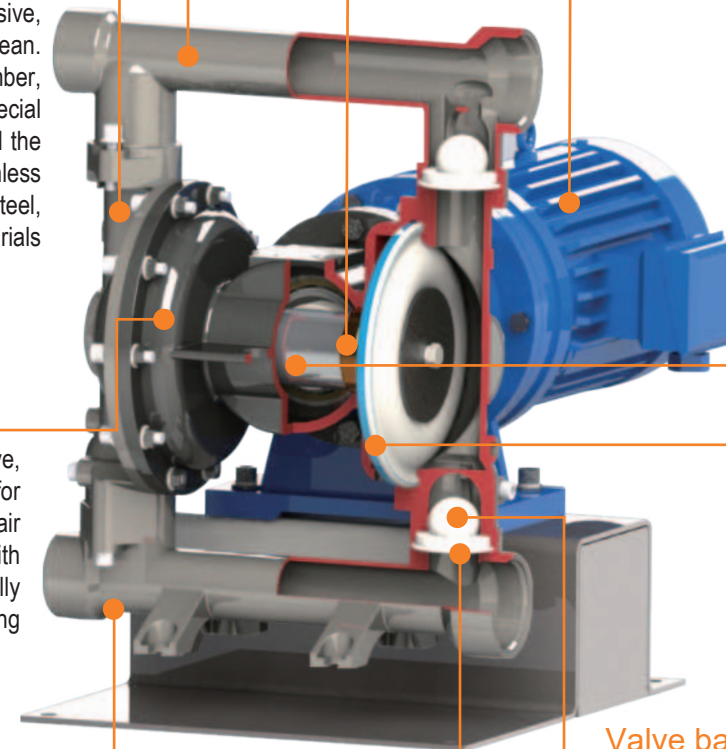
Diaphragm: Excellent sealing performance, wear resistance and corrosion resistance, can be used in a variety of harsh environments.

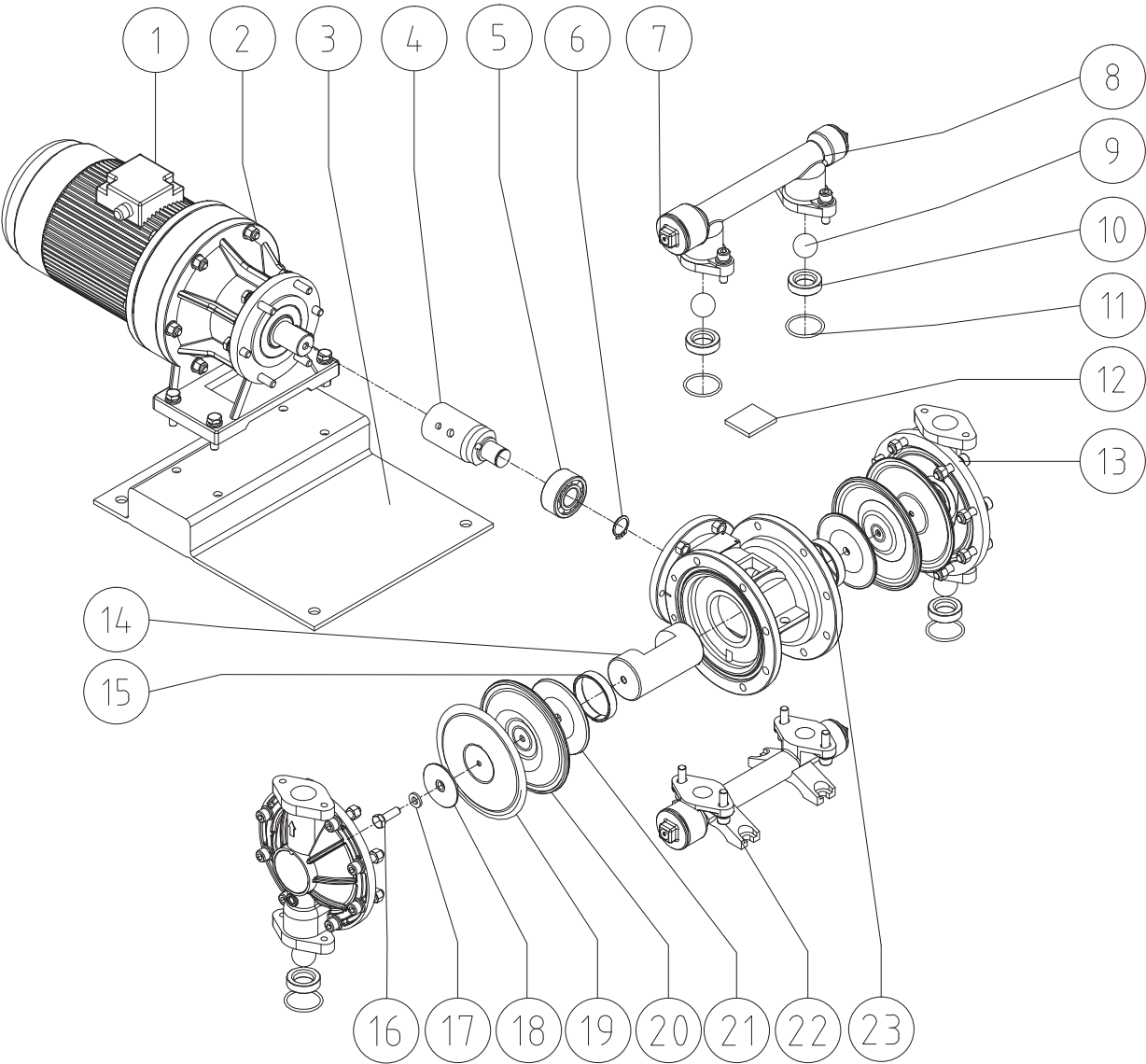
Valve ball

Valve ball: High strength, impact resistance, high precision processing technology makes the sealing performance is guaranteed, improve the overall performance of the pump.

Ball seat

Ball seat: Impact resistance, corrosion resistance, good sealing performance, can withstand harsh media environment.





Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Bearing	06	Circlip	07	Plug	08	Outlet Manifold
09	Ball Valve	10	Ball Seat	11	Ball Seat Sealing Ring	12	Inspection Window
13	Stand Column	14	Connecting Rod Axis	15	Axis Sleeve	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body		

DBY3-10
DBY3-15

Stainless steel / Cast steel

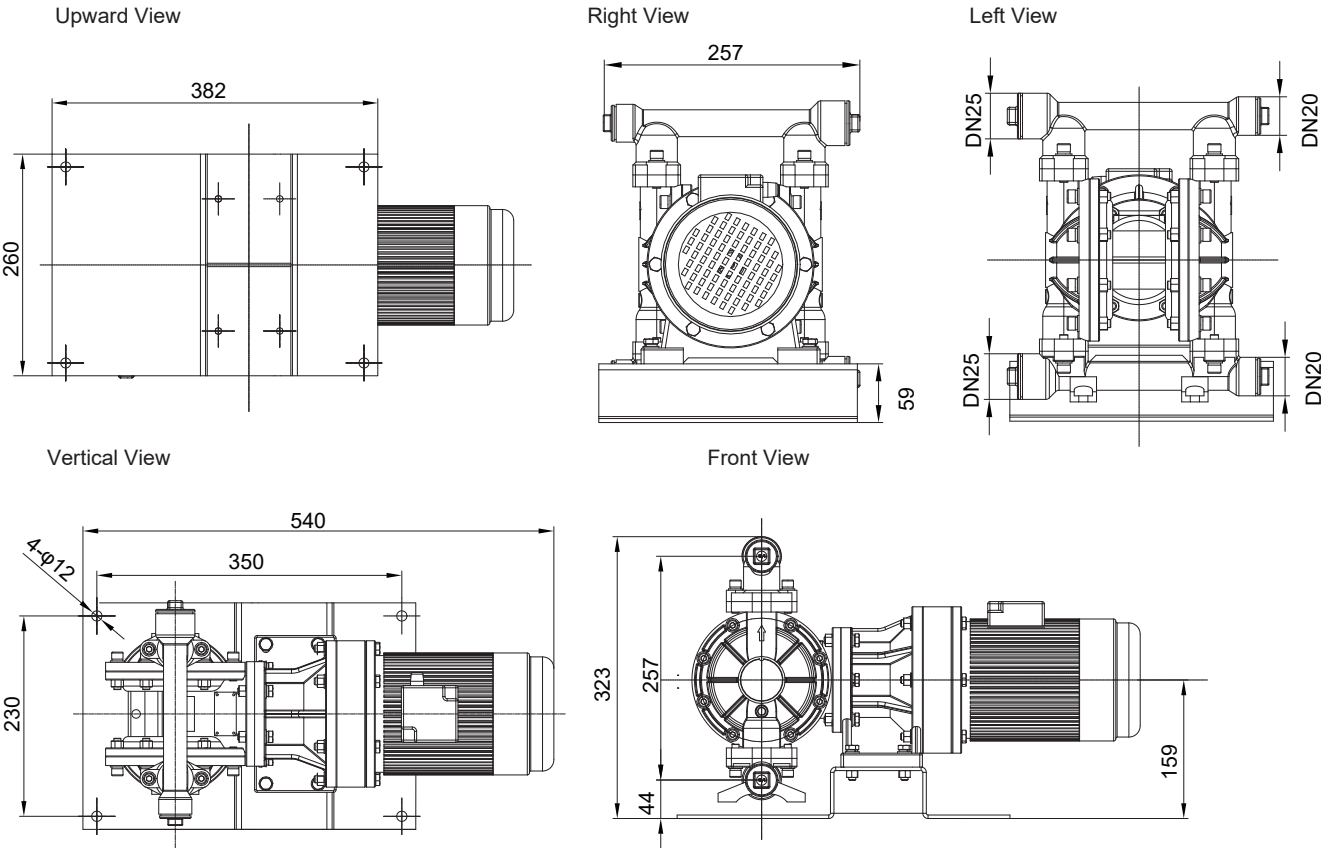
Specifications



Stainless steel

	DBY3-15	DBY3S-15
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN15 (1/2")	DN15 (1/2")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



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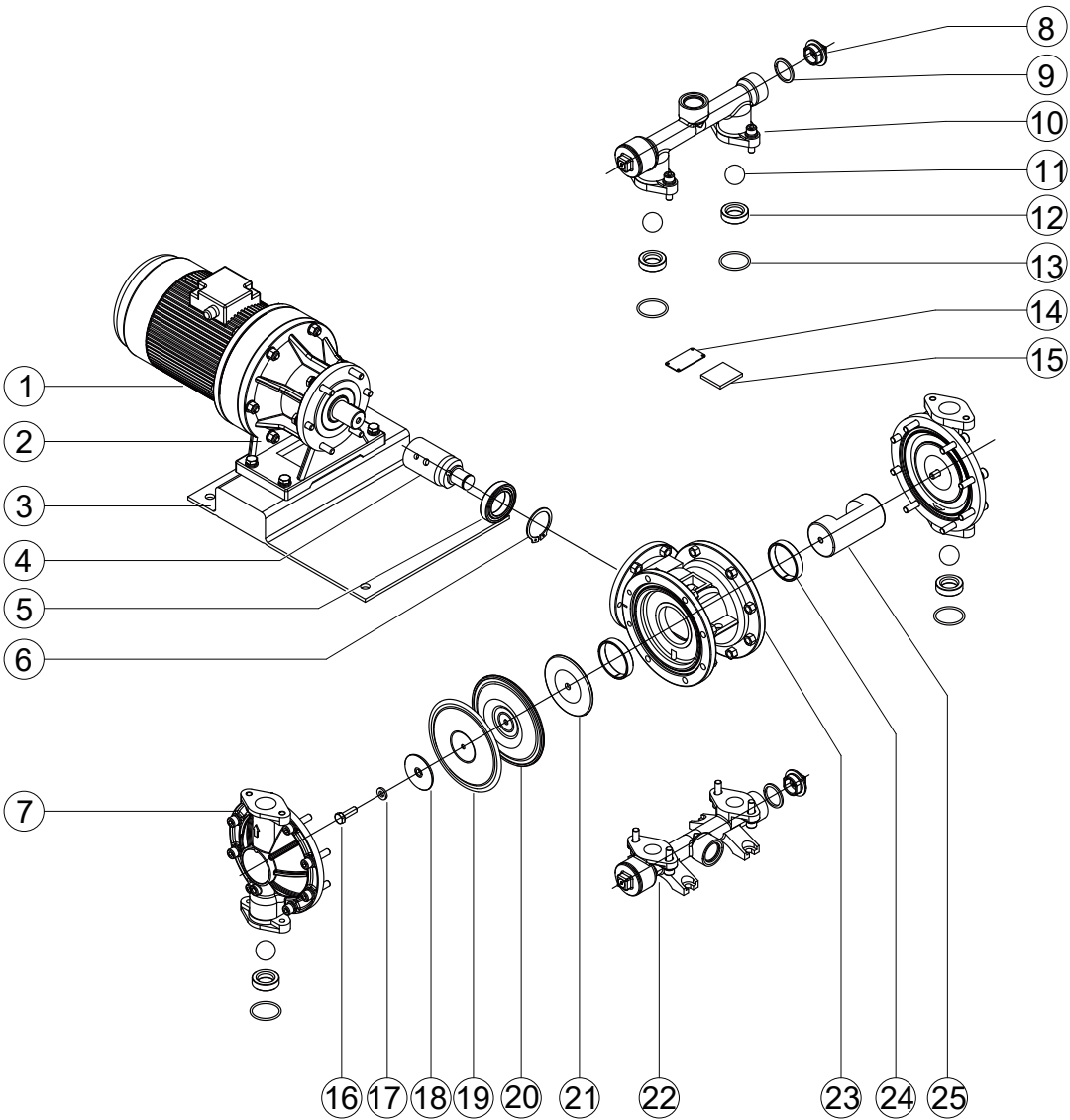
DBY3-10

DBY3-15

Aluminum alloy

Specifications

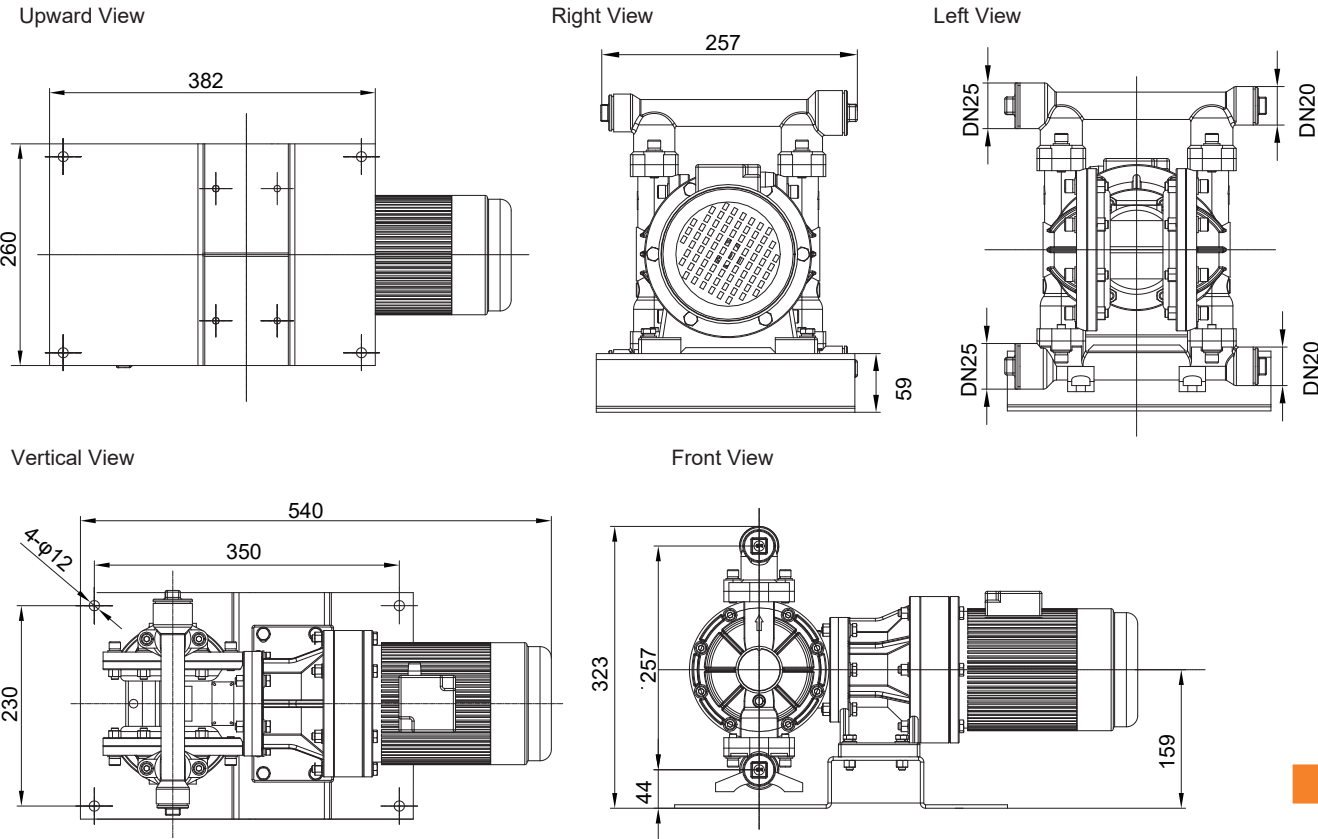
	DBY3-15	DBY3S-15
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN15 (1/2")	DN15 (1/2")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



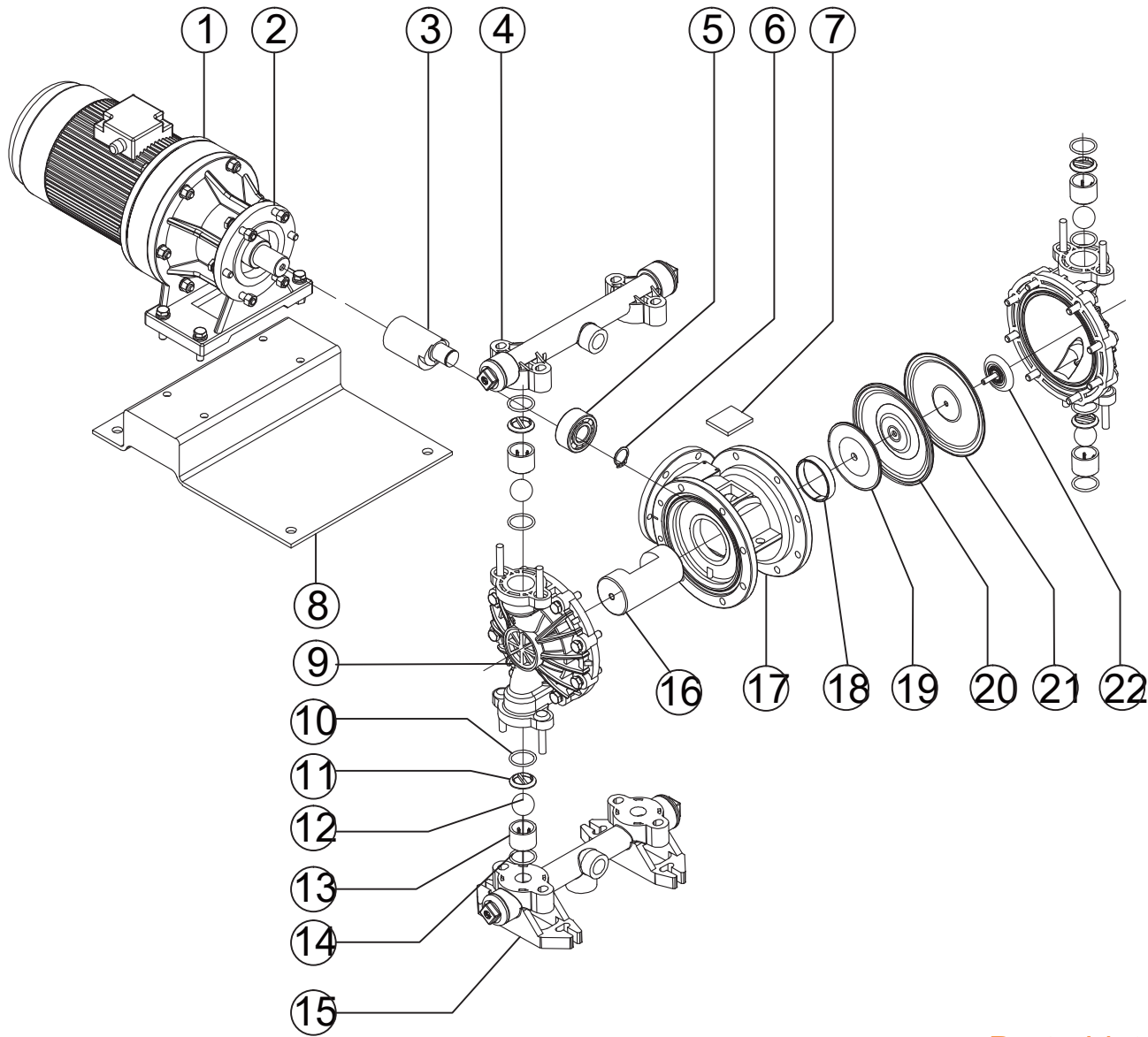
Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Bearing	06	Washer	07	Stand Column	08	Plug
09	Plug Sealing Ring	10	Outlet Manifold	11	Ball Valve	12	Ball Seat
13	Ball Seat Sealing Ring	14	Nameplate	15	Inspection Window	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body	24	Connecting Rod Axis Sleeve
25	Connecting Rod Axis	26		27			

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Eccentric Axis	04	Outlet Manifold
05	Bearing	06	Circlip	07	Inspection Window	08	Base
09	Stand Column	10	Ball Seat O-ring	11	Ball Seat Sealing Ring	12	Ball Valve
13	Ball Seat	14	Ball Seat O-ring	15	Inlet Manifold	16	Connecting Rod Axis
17	Center Body	18	Connecting Rod Axis Sleeve	19	Inner Splint	20	Santoprene Diaphragm
21	Teflon Diaphragm	22	Outer Splint				

DBY3-10
DBY3-15

Engineering plastics / Fluorine plastic

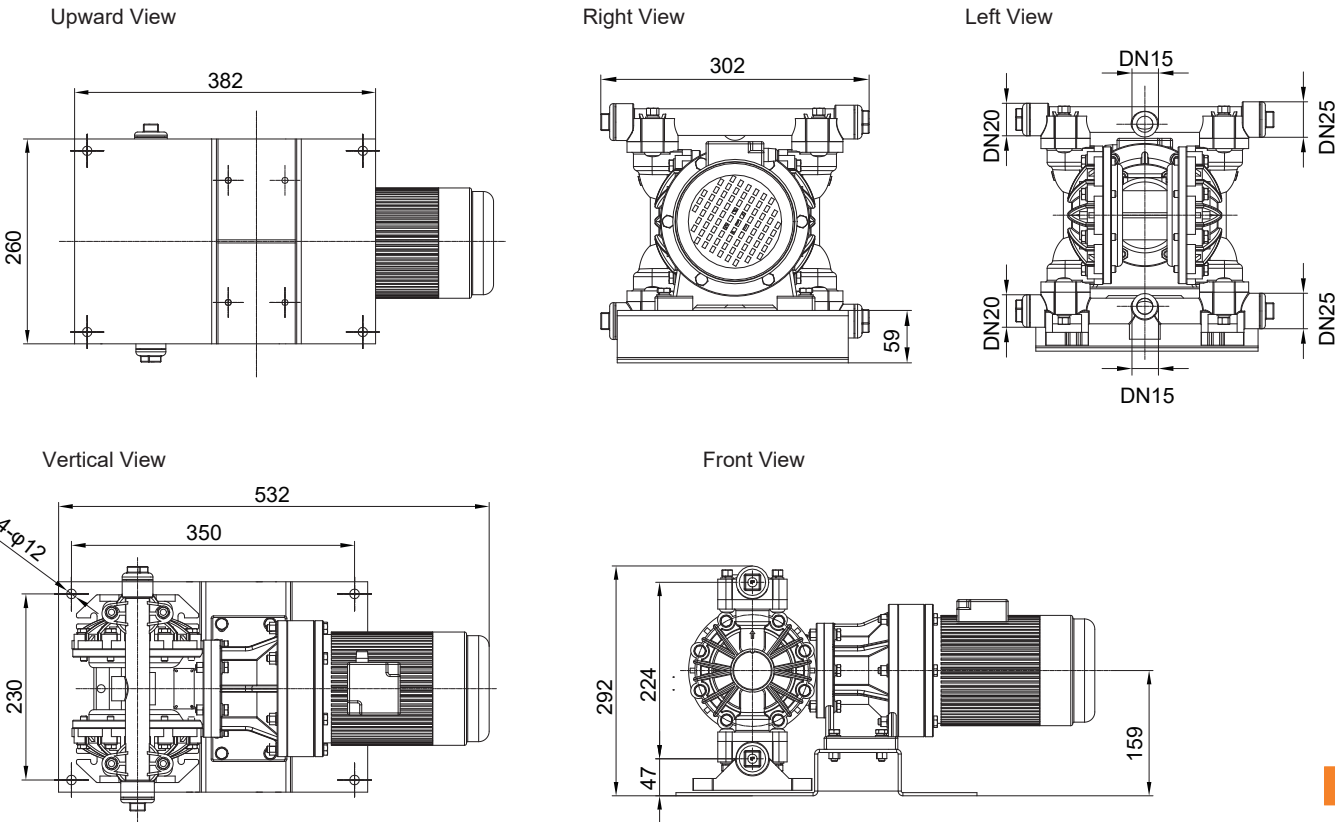
Specifications

	DBY3-15	DBY3S-15
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN15 (1/2")	DN15 (1/2")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

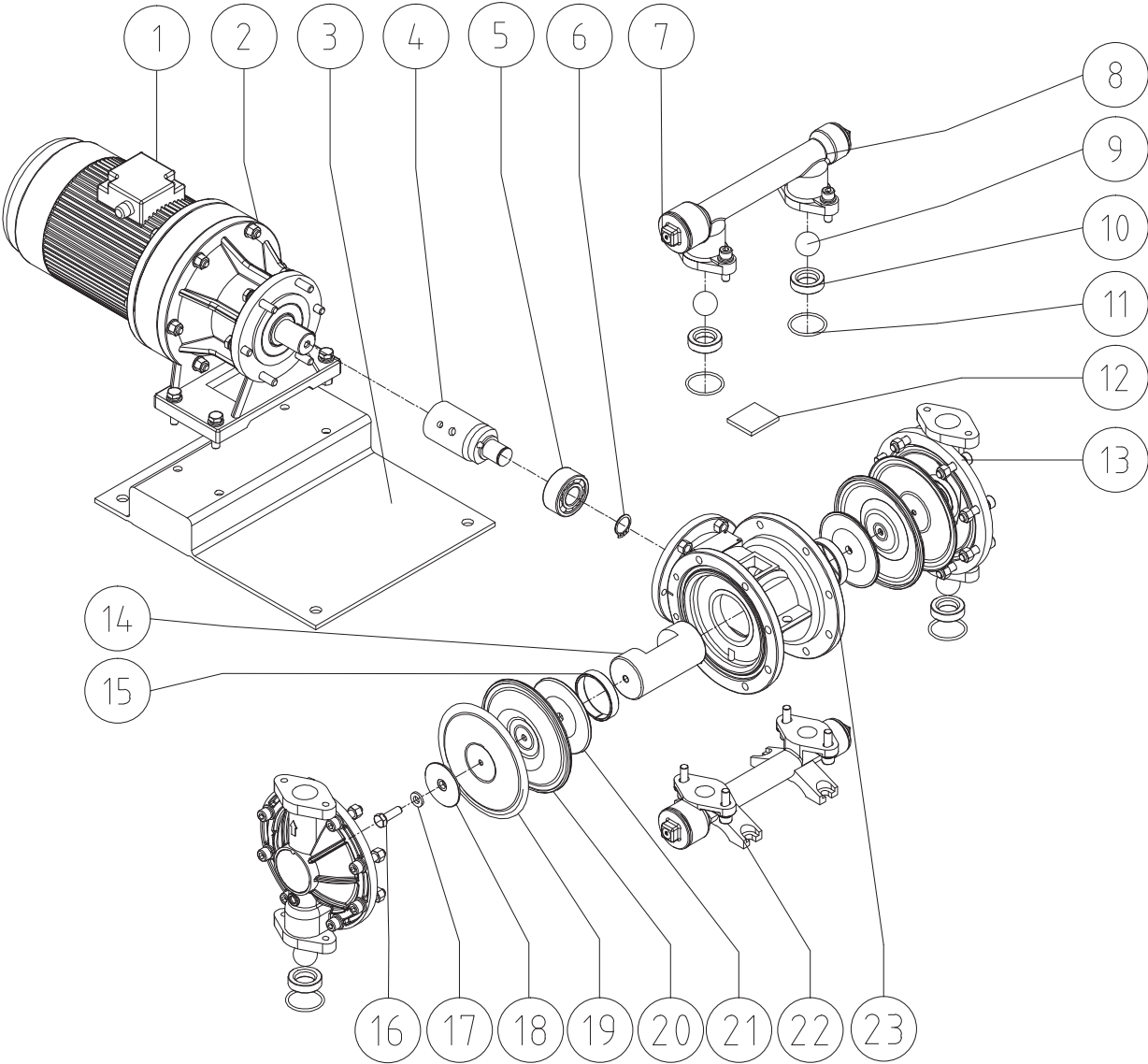


Fluorine plastic

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Bearing	06	Circlip	07	Plug	08	Outlet Manifold
09	Ball Valve	10	Ball Seat	11	Ball Seat Sealing Ring	12	Inspection Window
13	Stand Column	14	Connecting Rod Axis	15	Axis Sleeve	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body		

DBY3-20
DBY3-25

Stainless steel / Cast steel

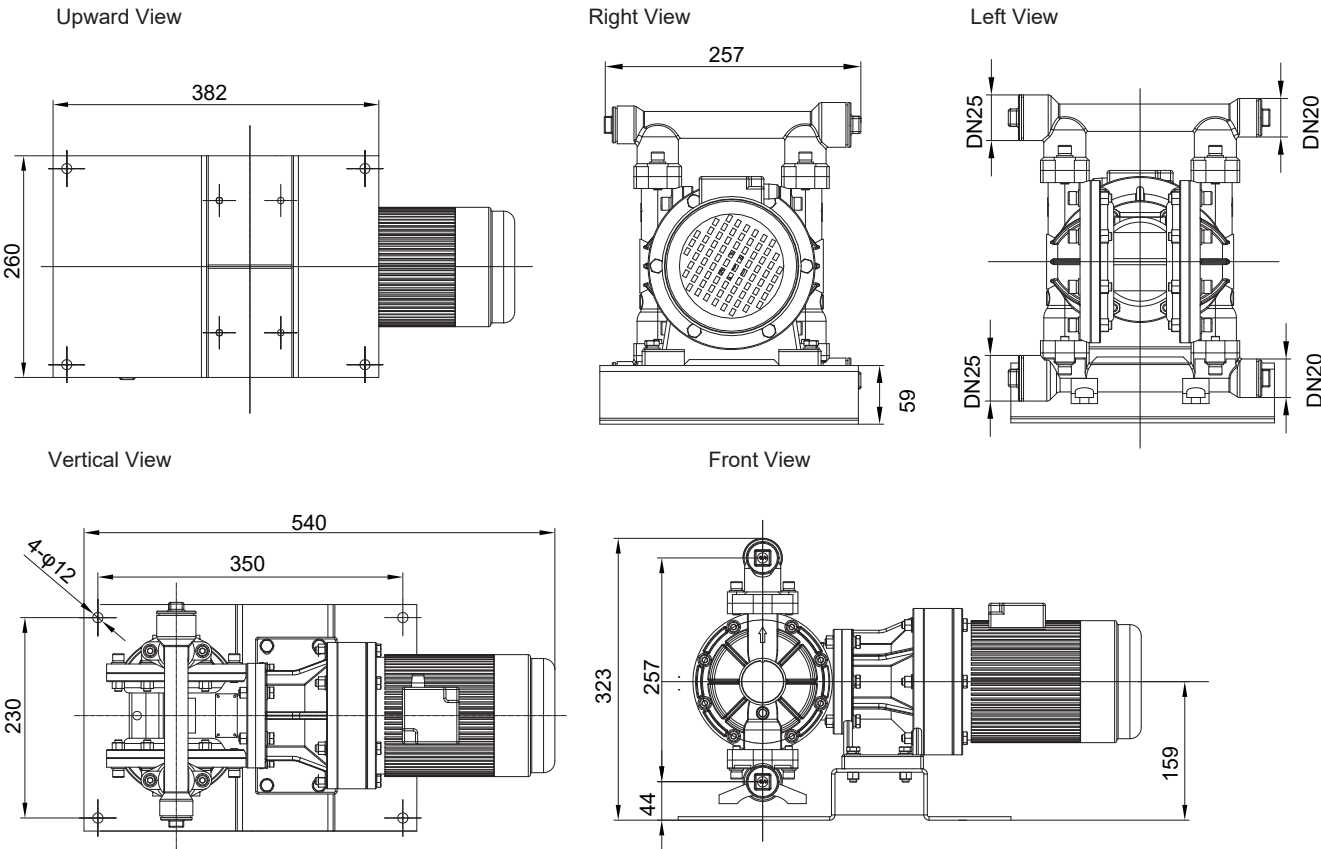
Specifications



Stainless steel

	DBY3-25	DBY3S-25
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN25 (1")	DN25 (1")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions

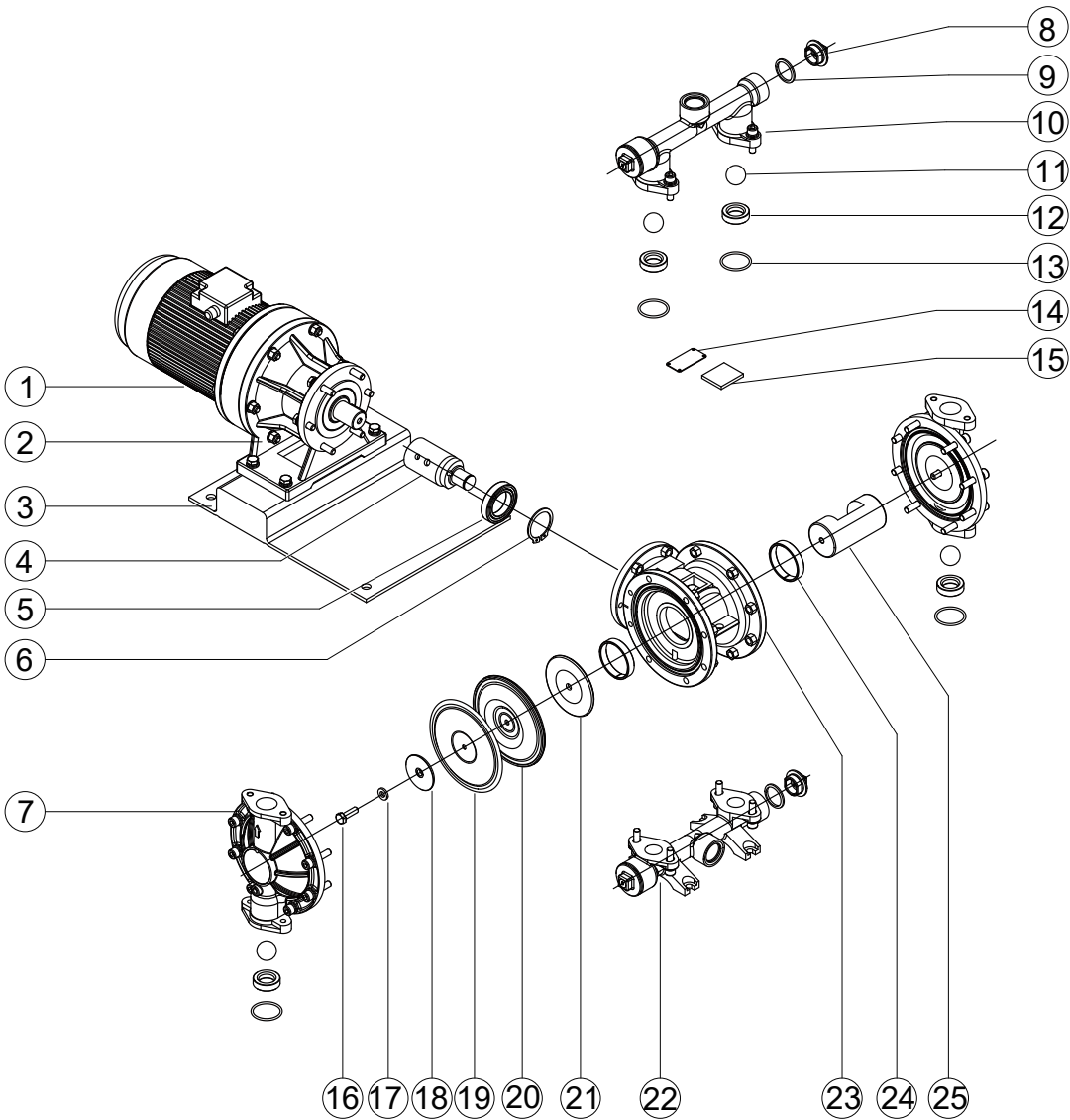


Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

DBY3-20
DBY3-25
Aluminum alloy

Specifications

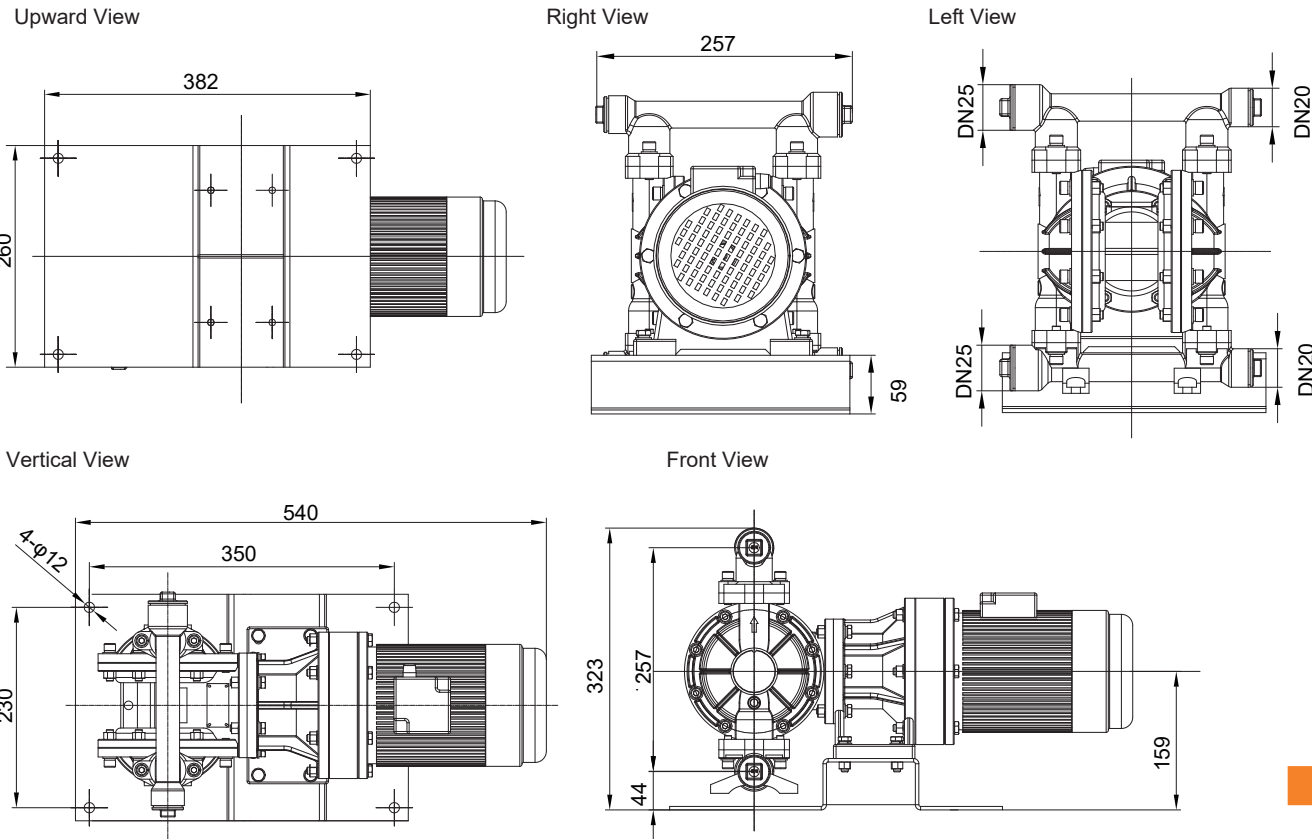
	DBY3-25	DBY3S-25
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN25 (1")	DN25 (1")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



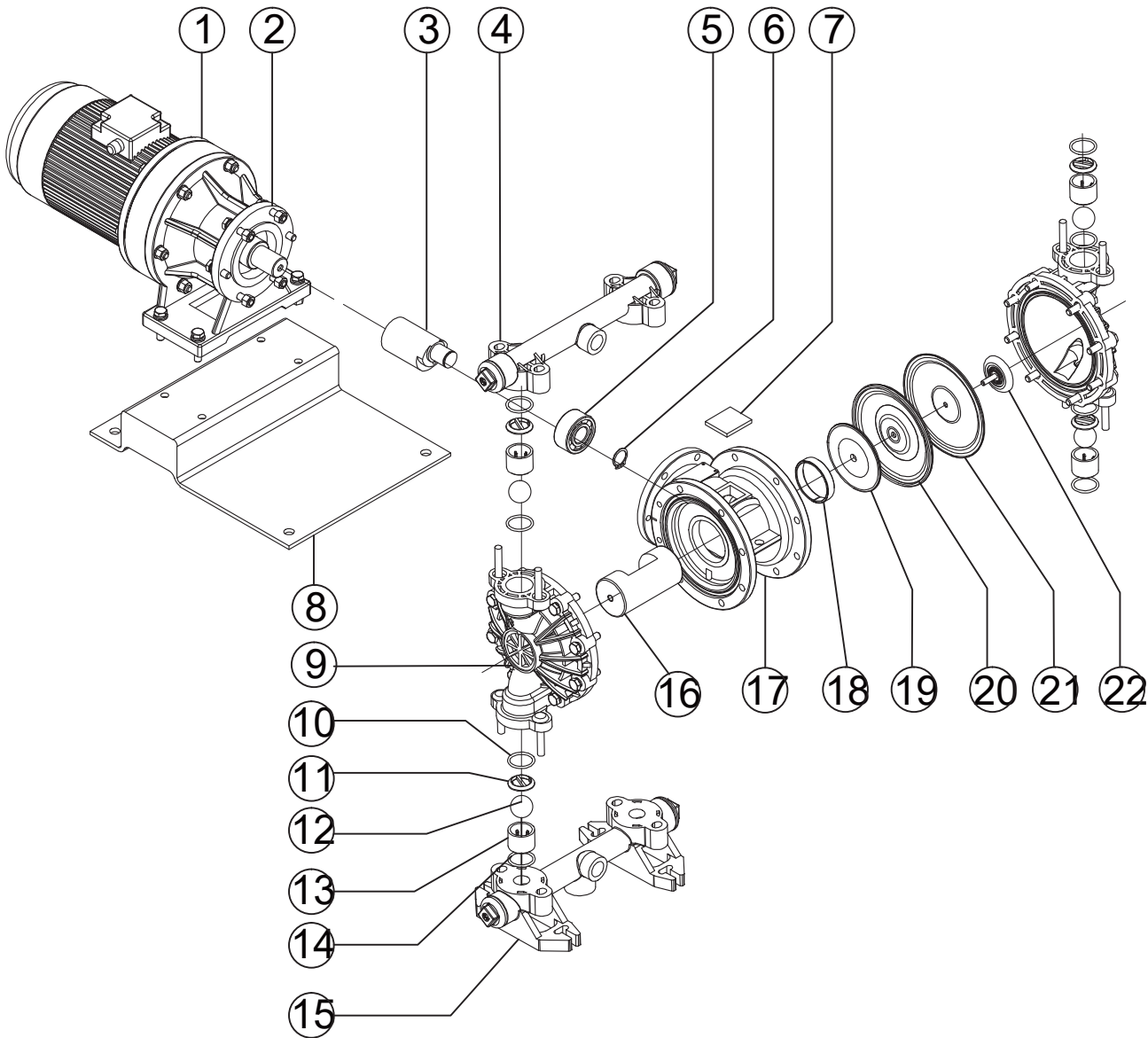
Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Bearing	06	Washer	07	Stand Column	08	Plug
09	Plug Sealing Ring	10	Outlet Manifold	11	Ball Valve	12	Ball Seat
13	Ball Seat Sealing Ring	14	Nameplate	15	Inspection Window	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body	24	Connecting Rod Axis Sleeve
25	Connecting Rod Axis	26		27			

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Eccentric Axis	04	Outlet Manifold
05	Bearing	06	Circlip	07	Inspection Window	08	Base
09	Stand Column	10	Ball Seat O-ring	11	Ball Seat Sealing Ring	12	Ball Valve
13	Ball Seat	14	Ball Seat O-ring	15	Inlet Manifold	16	Connecting Rod Axis
17	Center Body	18	Connecting Rod Axis Sleeve	19	Inner Splint	20	Santoprene Diaphragm
21	Teflon Diaphragm	22	Outer Splint				

DBY3-20
DBY3-25

Engineering plastics / Fluorine plastic

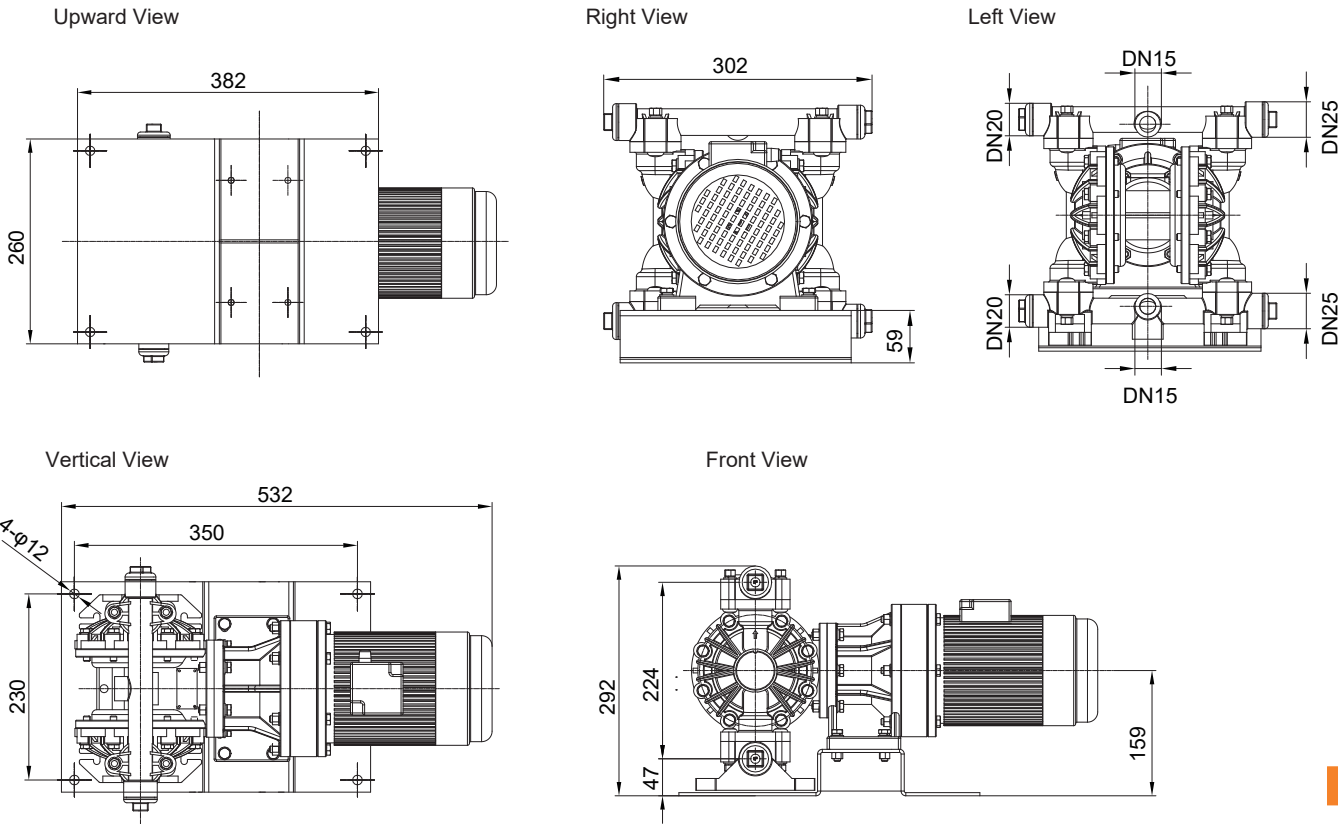
Specifications



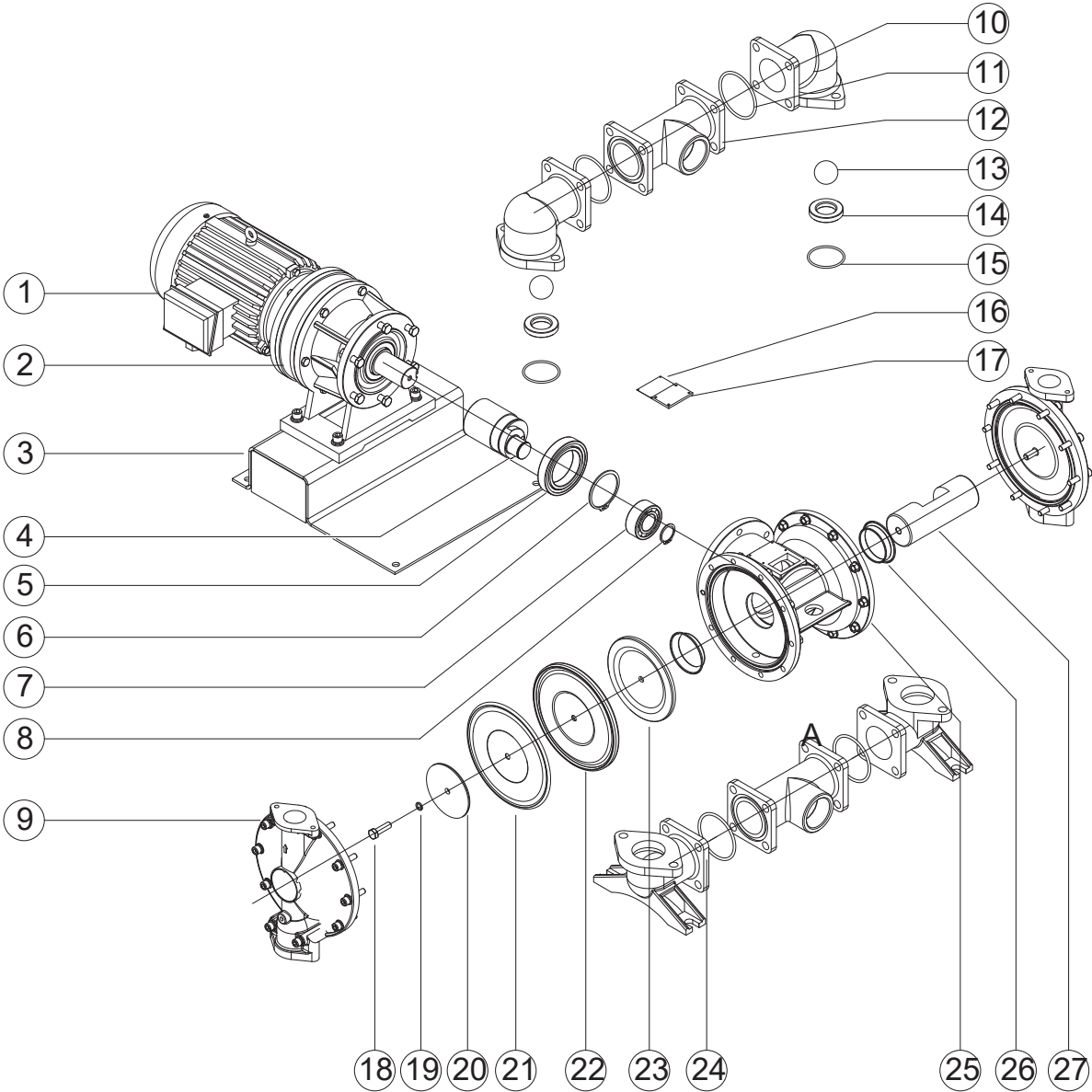
Fluorine plastic

	DBY3-25	DBY3S-25
Max. Flow Rate	12.8 lpm	12.8 lpm
Max. Head	40 m	70 m
Max. Suction Height	3 m	3 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN25 (1")	DN25 (1")
Max. Particle Size	2.5 mm	2.5 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	0.75 kw	1.5 kw
Every Reciprocating Flow	0.15 L	0.15 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Upper Elbow	11	Tee Sealing Ring	12	Tee
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Splint Screw	19	Splint O-ring	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Lower Elbow
25	Center Body	26	Connecting Rod Axis Sleeve	27	Connecting Rod Axis		

BFD-25

Aluminum alloy

Stainless steel / Cast steel

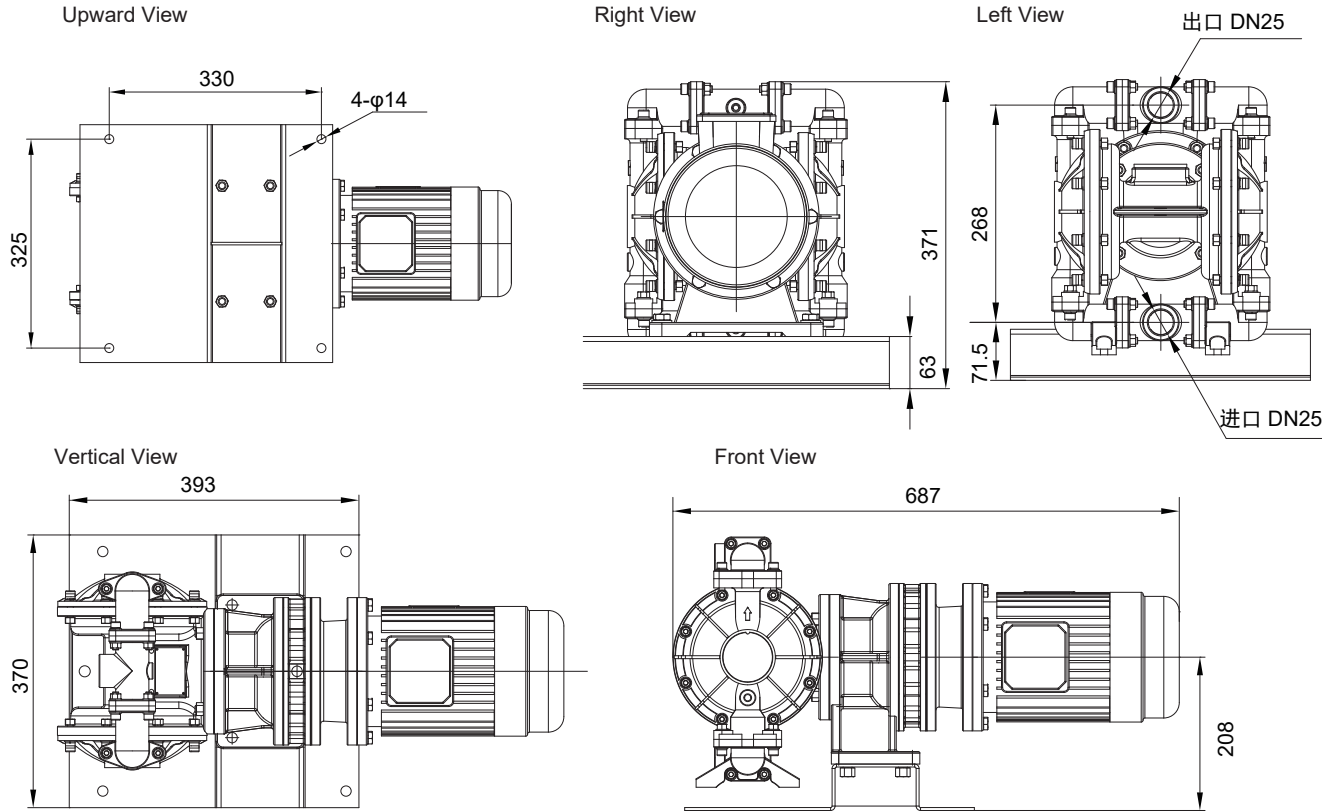
Specifications



Stainless steel

	BFD-25	BFDS-25
Max. Flow Rate	48 lpm	48 lpm
Max. Head	40 m	70 m
Max. Suction Height	4 m	4 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN25 (1")	DN25 (1")
Max. Particle Size	3.2 mm	3.2 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	1.5 kw	2.2 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

DBY3-32

DBY3-40

Stainless steel / Nodular cast iron

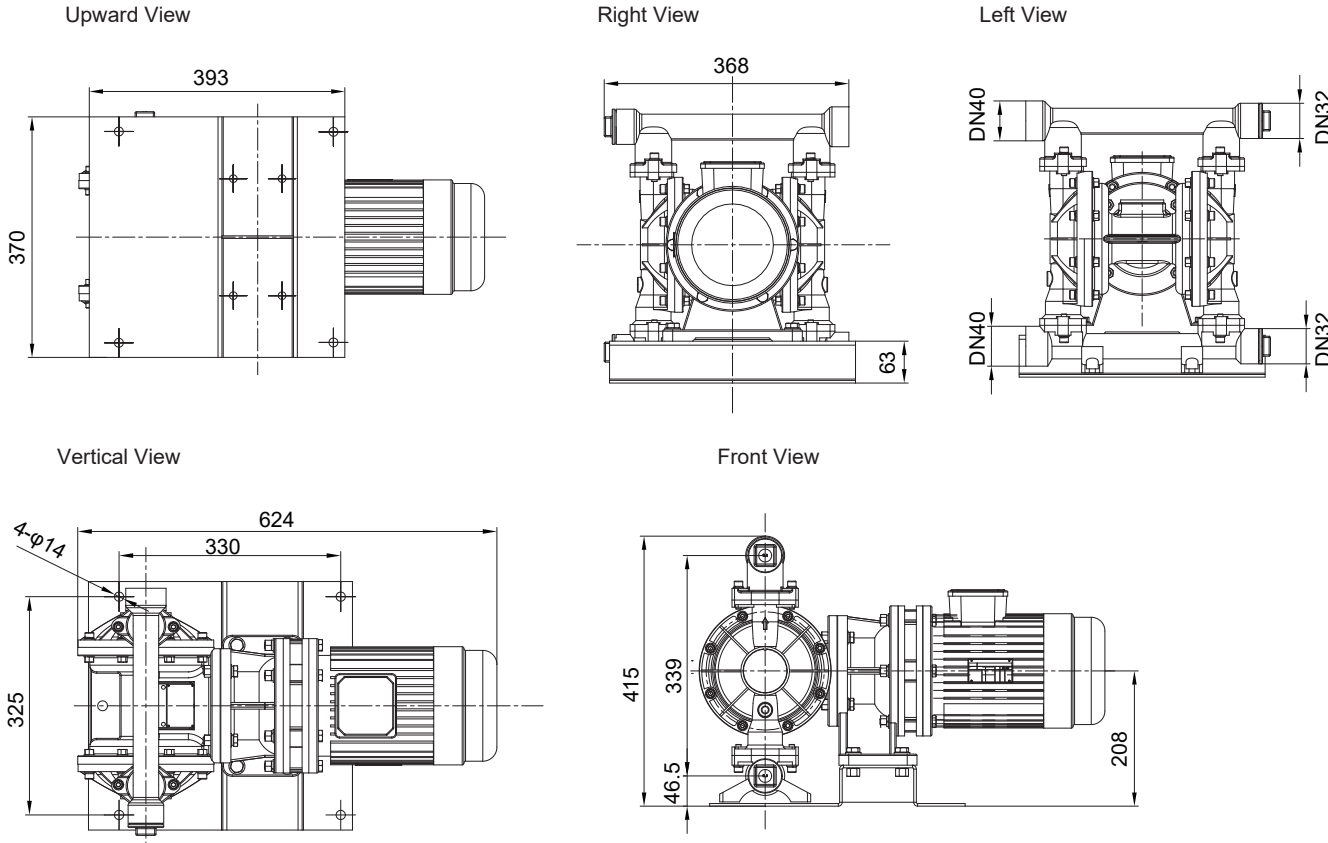
Specifications

	DBY3-40	DBY3S-40
Max. Flow Rate	48 lpm	48 lpm
Max. Head	40 m	70 m
Max. Suction Height	4 m	4 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")	DN40 (1-1/2")
Max. Particle Size	3.2 mm	3.2 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	1.5 kw	2.2 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

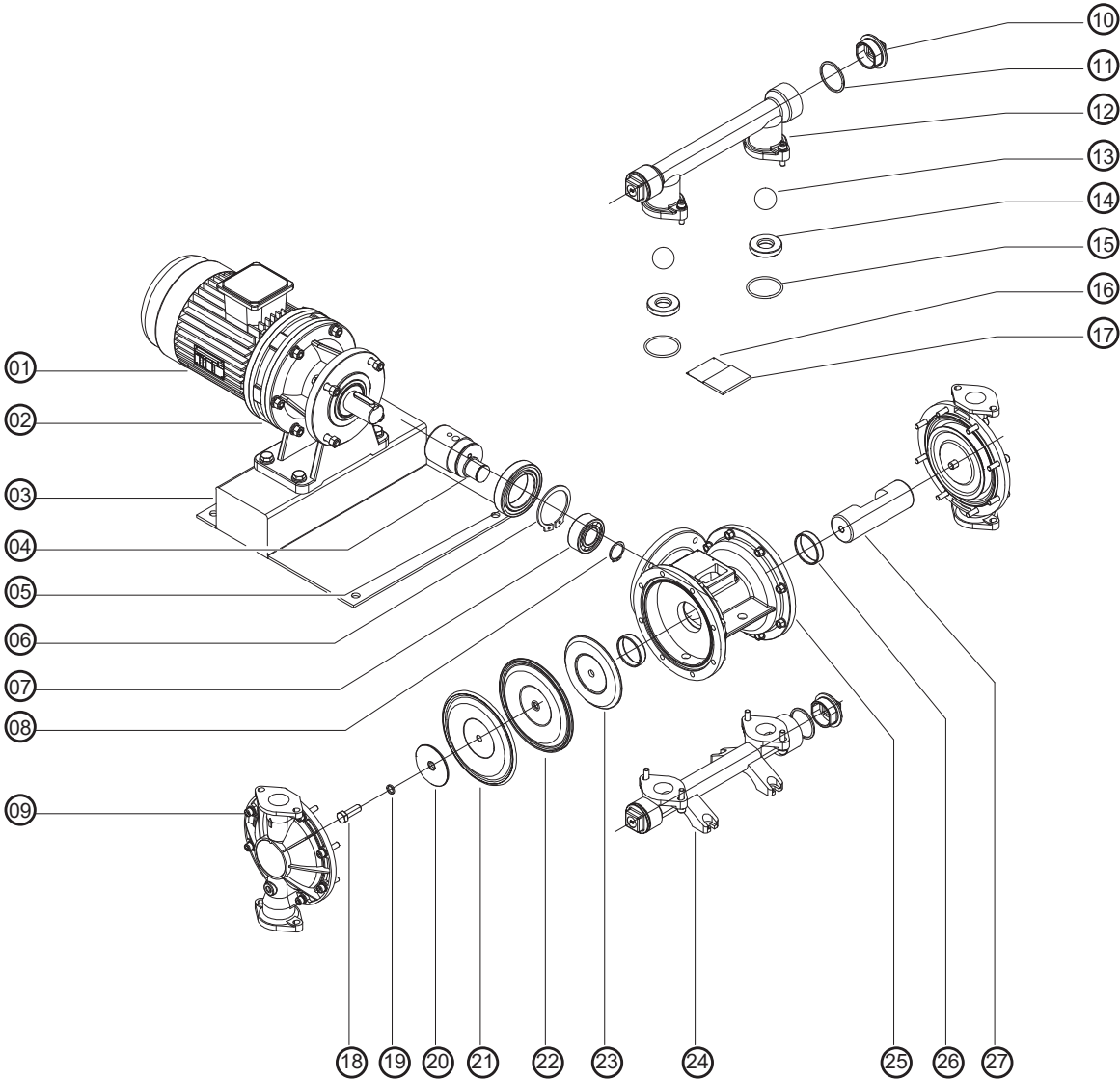


Stainless steel

Installation dimensions

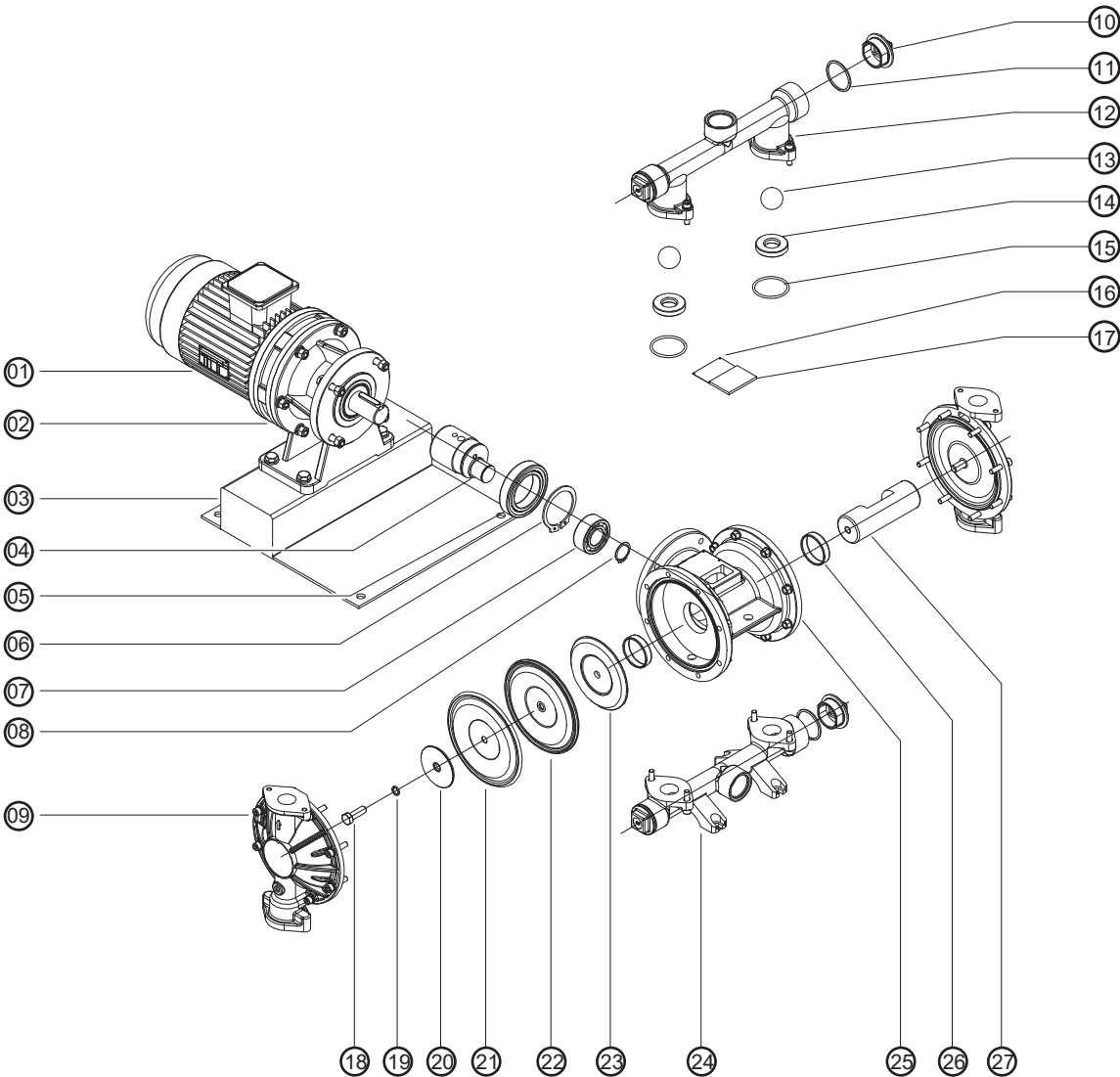


Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Plug	11	Plug Sealing Ring	12	Outlet Manifold
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Splint Screw	19	Splint O-ring	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Inlet Manifold
25	Center Body	26	Connecting Rod Axis Sleeve	27	Connecting Rod Axis		



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Plug	11	Plug Sealing Ring	12	Outlet Manifold
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Splint Screw	19	Splint O-ring	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Inlet Manifold
25	Center Body	26	Connecting Rod Axis Sleeve	27	Connecting Rod Axis		

DBY3-32

DBY3-40

Aluminum alloy

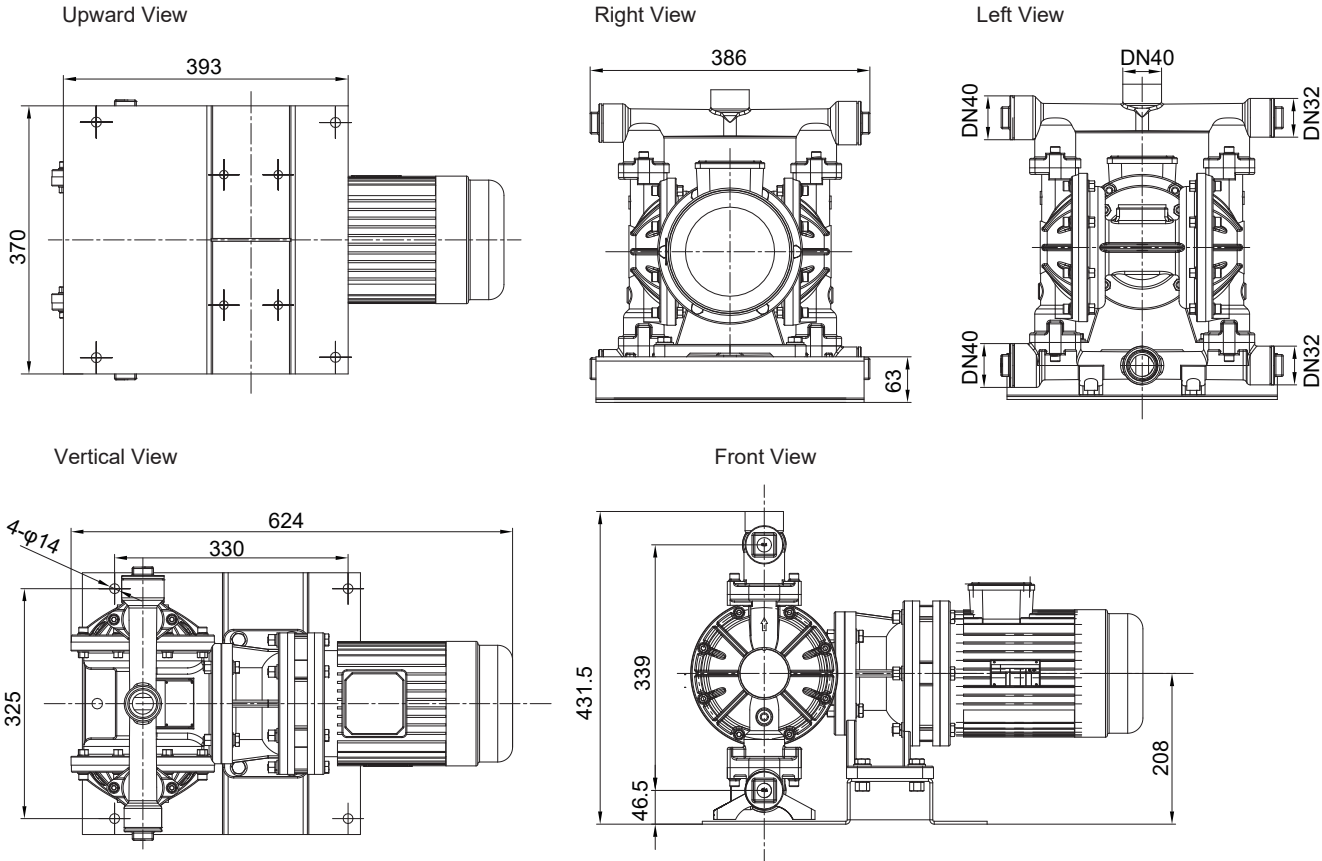
Specifications



Aluminum alloy

	DBY3-40	DBY3S-40
Max. Flow Rate	48 lpm	48 lpm
Max. Head	40 m	70 m
Max. Suction Height	4 m	4 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")	DN40 (1-1/2")
Max. Particle Size	3.2 mm	3.2 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	1.5 kw	2.2 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

DBY3-32
DBY3-40

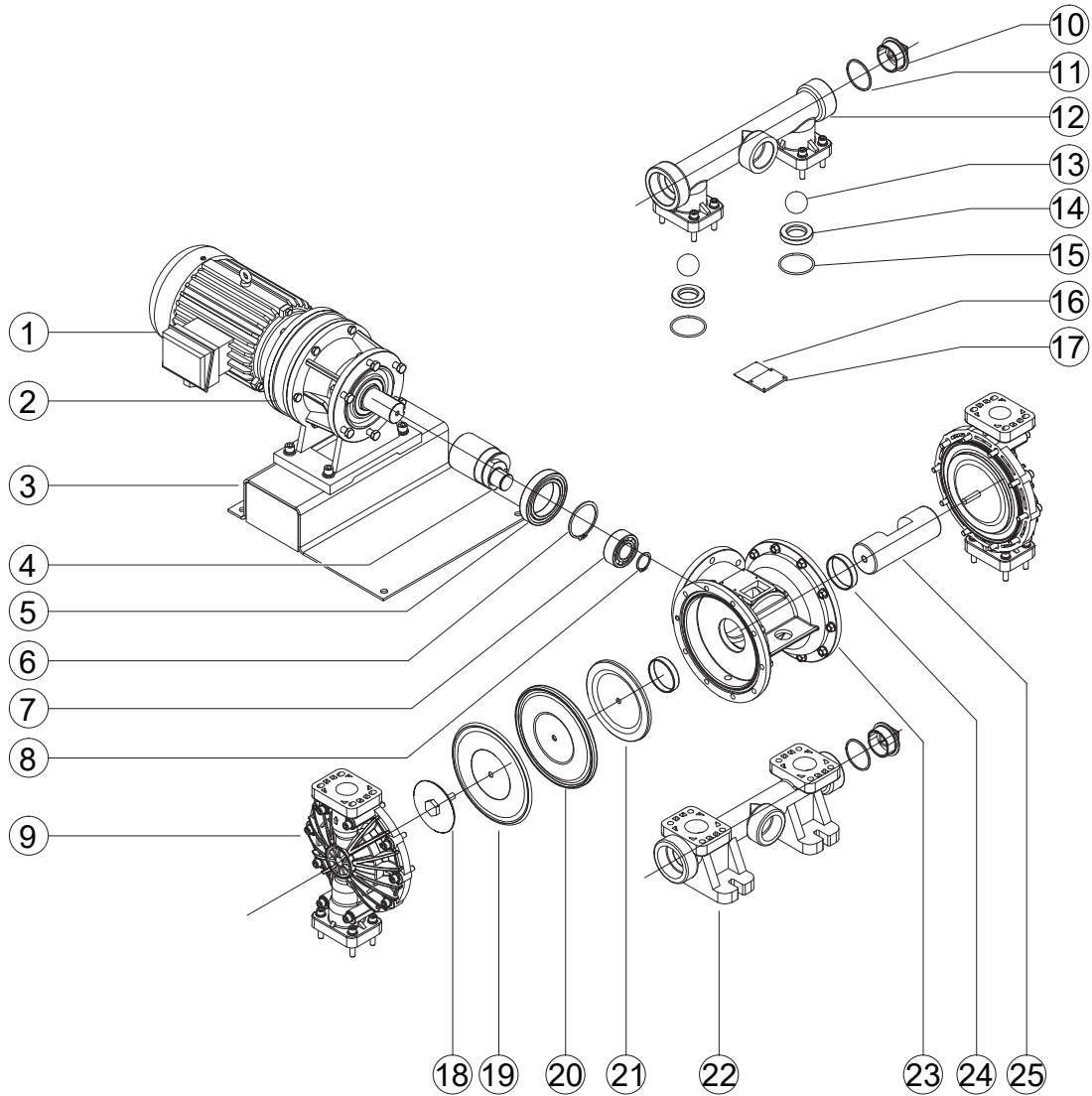
Engineering plastics / Fluorine plastic

Specifications

	DBY3-40	DBY3S-40
Max. Flow Rate	48 lpm	48 lpm
Max. Head	40 m	70 m
Max. Suction Height	4 m	4 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")	DN40 (1-1/2")
Max. Particle Size	3.2 mm	3.2 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	1.5 kw	2.2 kw
Every Reciprocating Flow	0.57 L	0.57 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



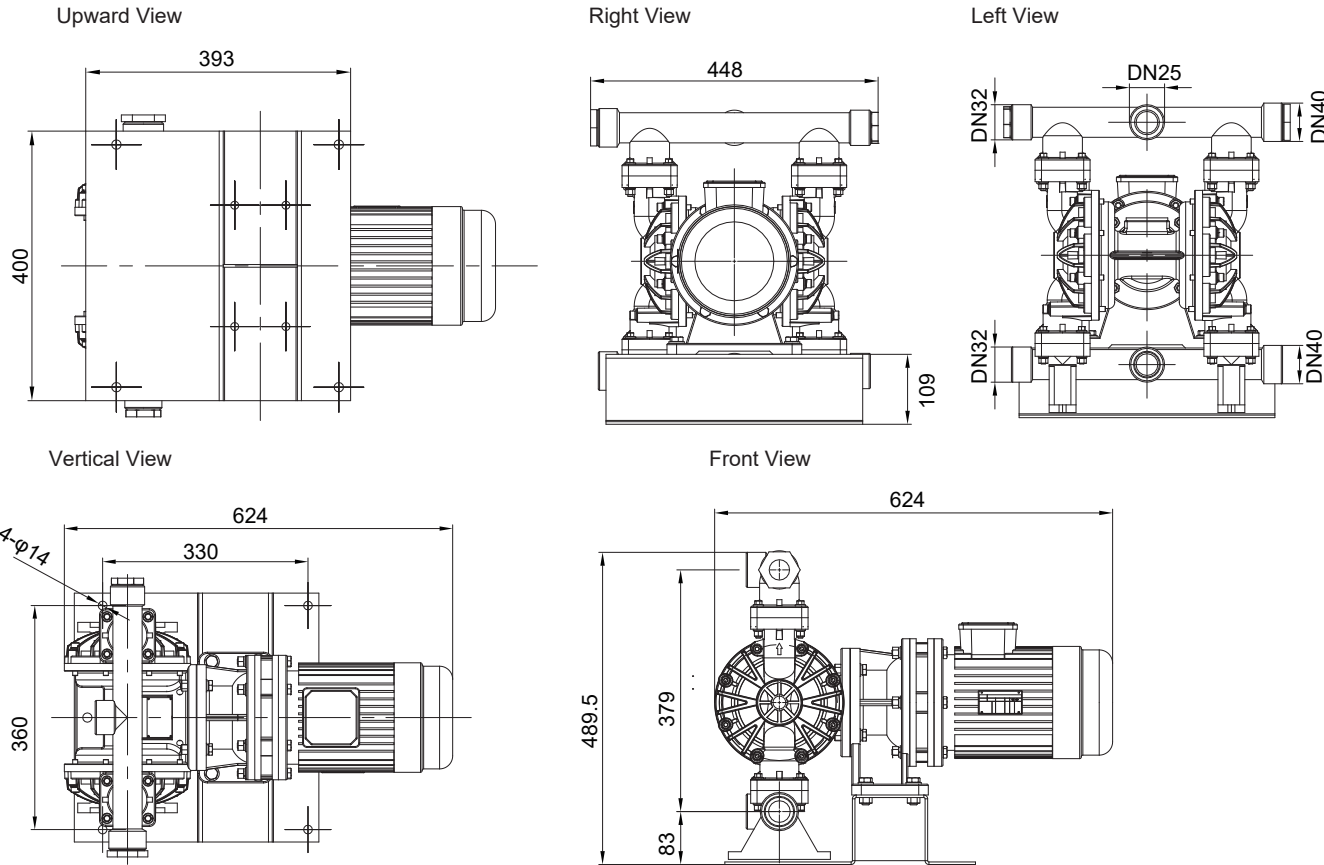
Engineering plastics



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Plug	11	Plug Sealing Ring	12	Outlet Manifold
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body	24	Connecting Rod Axis Sleeve
25	Connecting Rod Axis						

Installation dimensions



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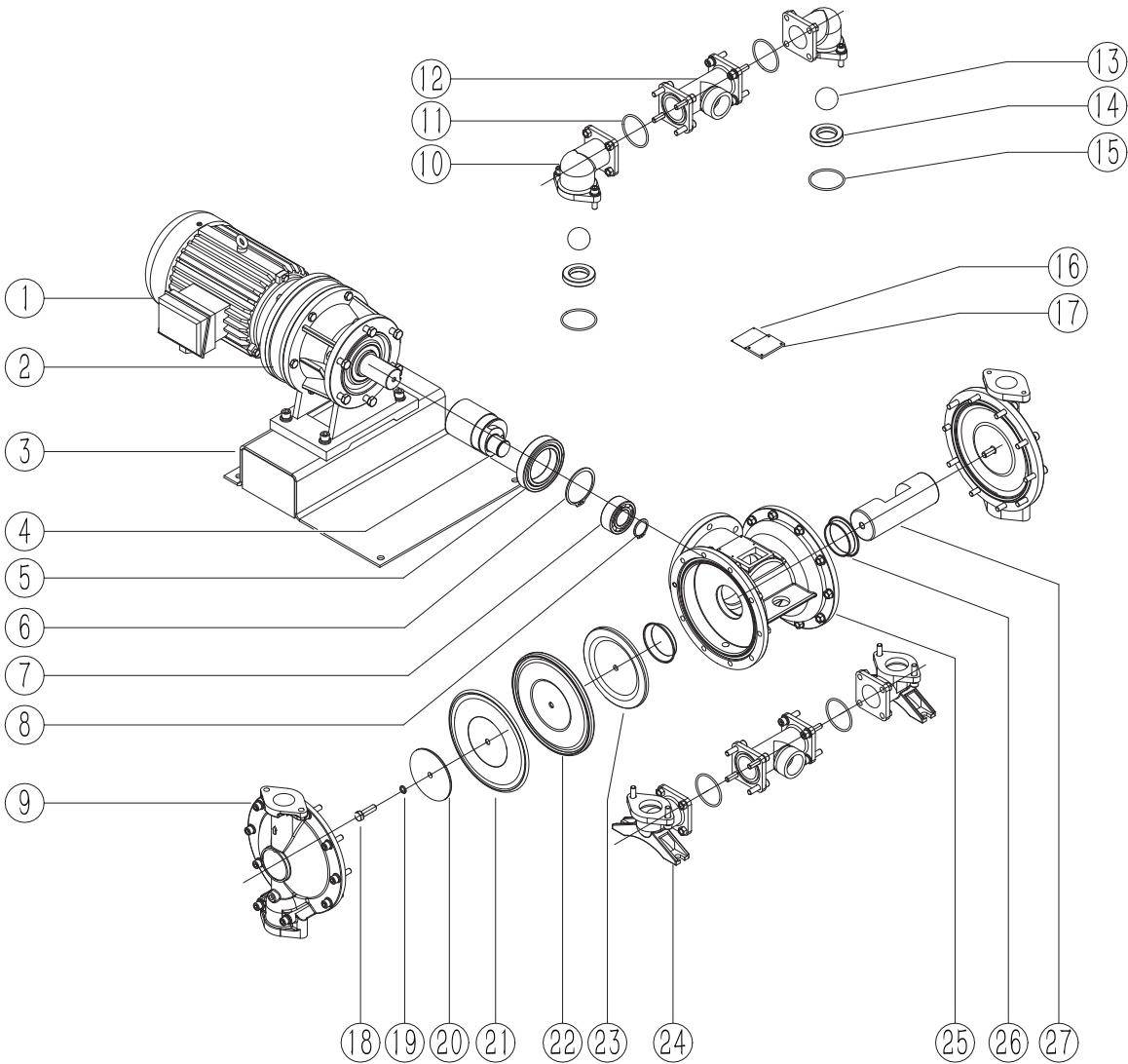
BFD-40
Aluminum alloy / Stainless steel
Nodular cast iron / Engineering plastics
Fluorine plastic

Specifications

	BFD-40	BFDS-40
Max. Flow Rate	162 lpm	162 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN40 (1-1/2")	DN40 (1-1/2")
Max. Permitted Grain	4.8 mm	4.8 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	2.2 kw	3 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



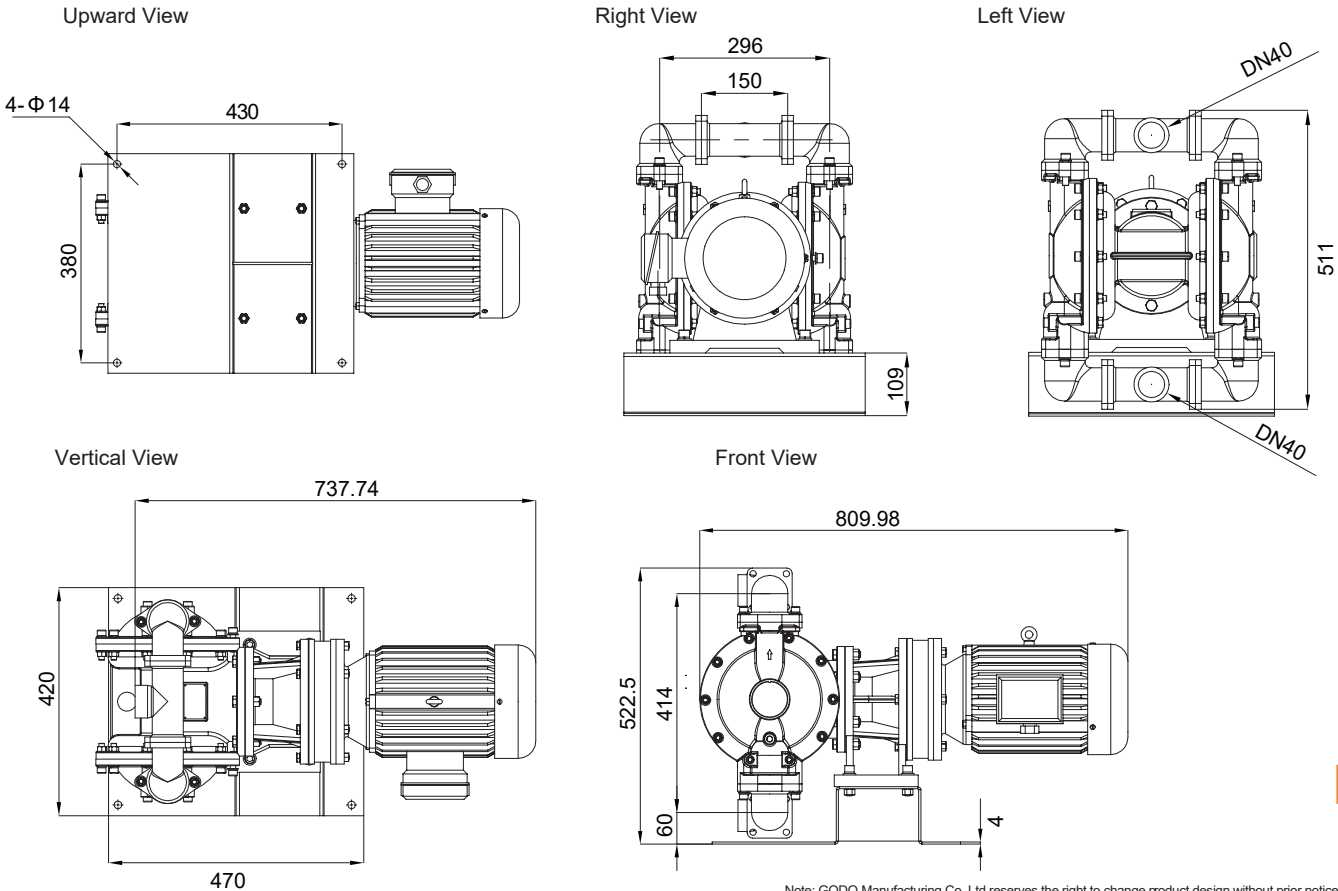
Stainless steel



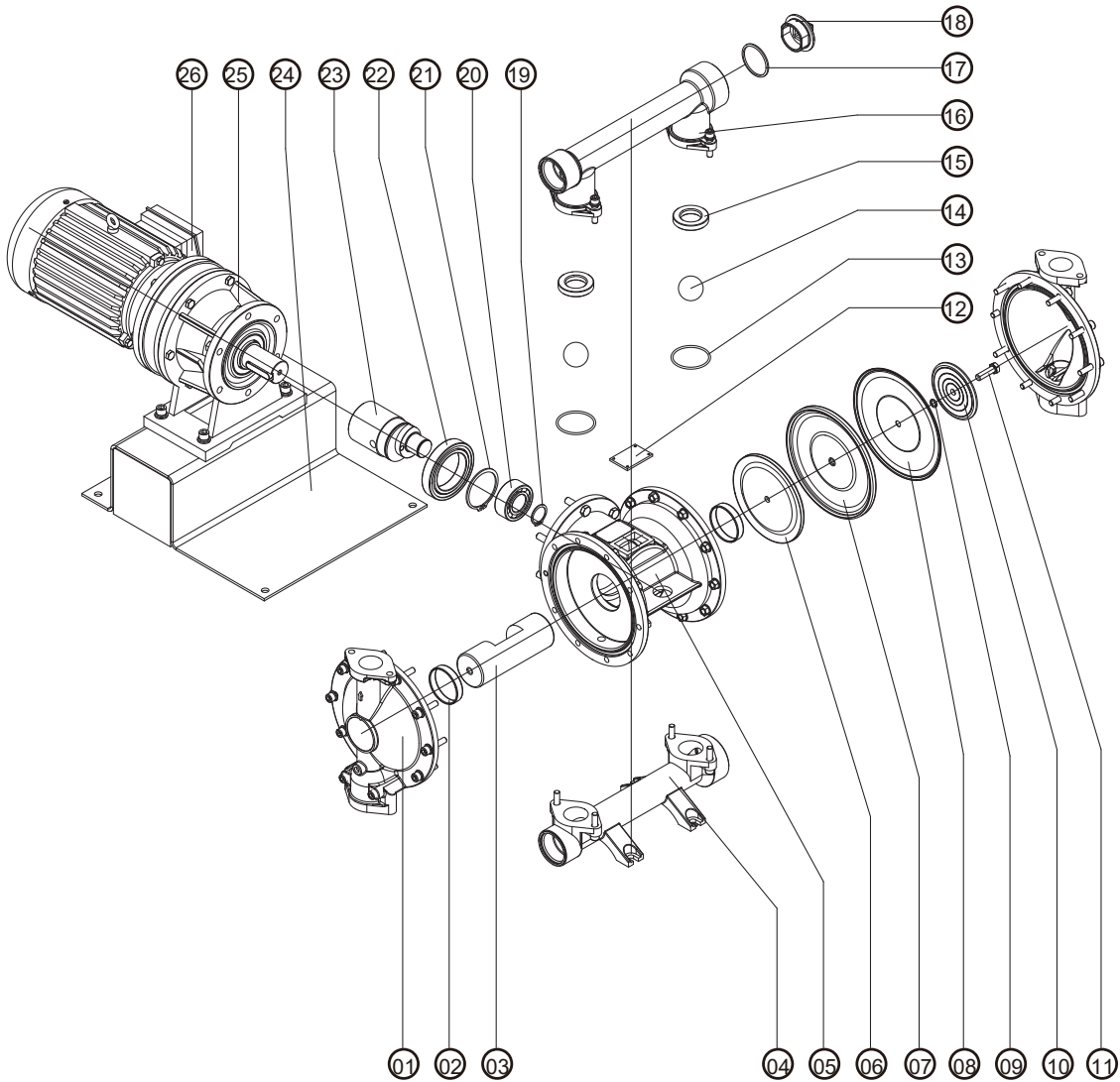
Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Upper Elbow	11	Tee Sealing Ring	12	Tee
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Splint Screw	19	Splint O-ring	20	Outer Splint
21	Teflon Diaphragm	22	Santoprene Diaphragm	23	Inner Splint	24	Lower Elbow
25	Center Body	26	Connecting Rod Axis Sleeve	27	Connecting Rod Axis		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Stand Column	02	Connecting Rod Axis Sleeve	03	Connecting Rod Axis	04	Inlet Manifold
05	Center Body	06	Inner Splint	07	Santoprene Diaphragm	08	Teflon Diaphragm
09	Splint O-ring	10	Outer Splint	11	Splint Screw	12	Inspection Window
13	Ball Seat Sealing Ring	14	Ball Valve	15	Ball Seat	16	Outlet Manifold
17	Plug Sealing Ring	18	Plug	19	Small Washer	20	Small Bearing
21	Large Washer	22	Large Bearing	23	Eccentric Axis	24	Base
25	Reducer	26	Motor				

DBY3-50
DBY3-65

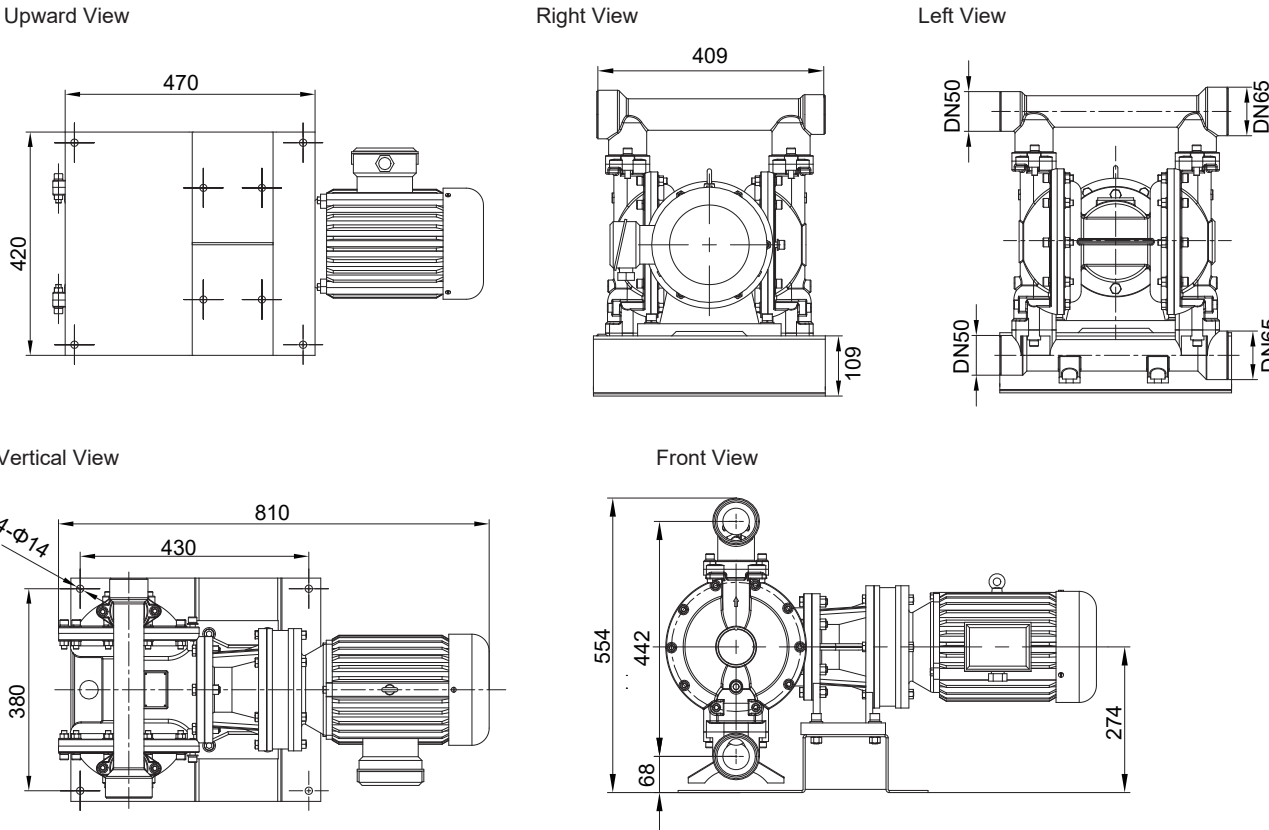
Stainless steel / Nodular cast iron

Specifications

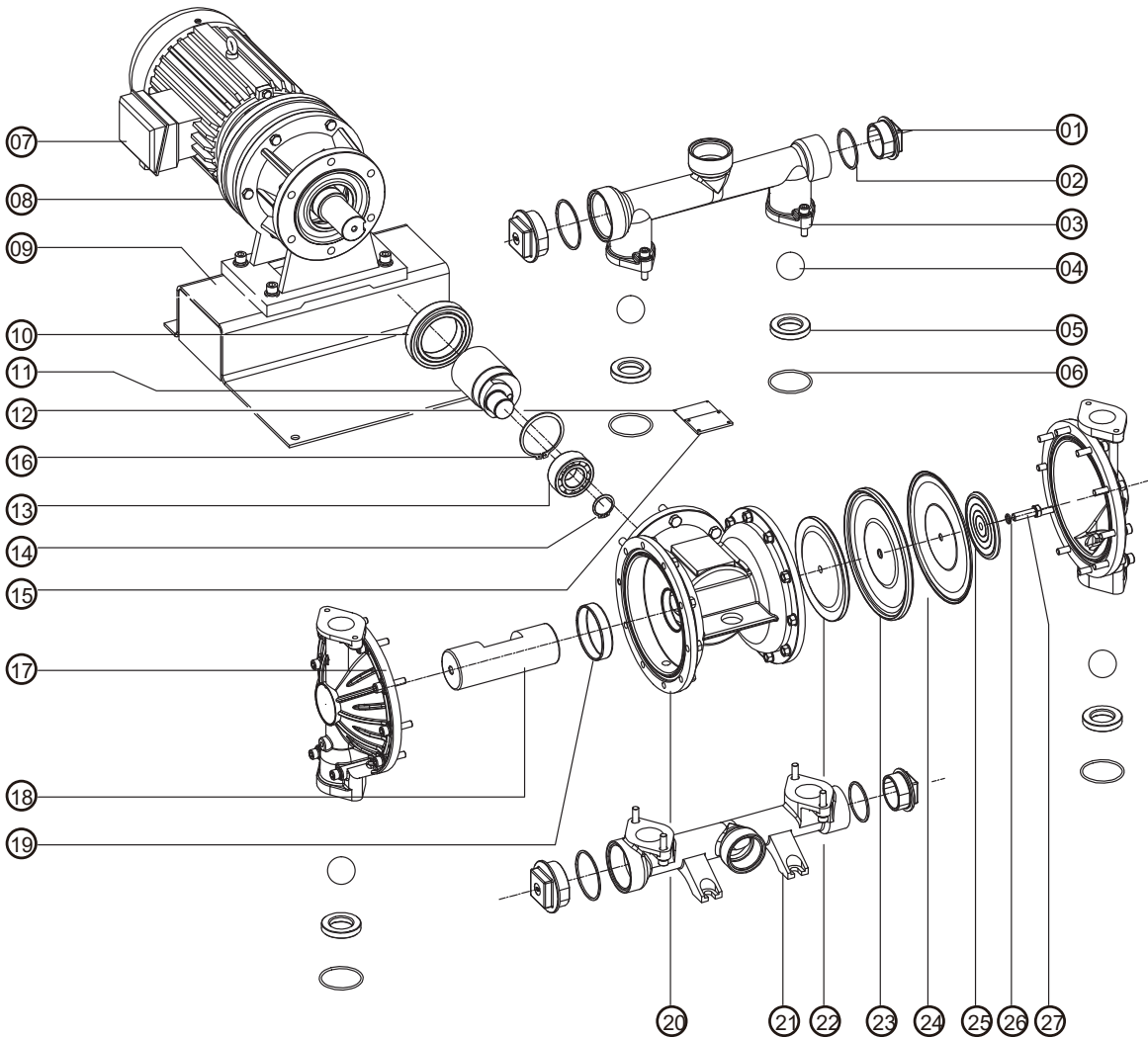


	DBY3-50	DBY3S-50
Max. Flow Rate	162 lpm	162 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN50 (2")
Max. Permitted Grain	4.8 mm	4.8 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	2.2 kw	3 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



DBY3-50
DBY3-65
Aluminum alloy



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Plug	02	Plug Sealing Ring	03	Outlet Manifold	04	Ball Valve
05	Ball Seat	06	Ball Seat Sealing Ring	07	Motor	08	Reducer
09	Base	10	Large Bearing	11	Eccentric Axis	12	Nameplate
13	Large Washer	14	Small Bearing	15	Small Washer	16	Inspection Window
17	Stand Column	18	Connecting Rod Axis	19	Connecting Rod Axis Sleeve	20	Center Body
21	Inlet Manifold	22	Inner Splint	23	Santoprene Diaphragm	24	Teflon Diaphragm
25	Outer Splint	26	Splint O-ring	27	Splint Screw		

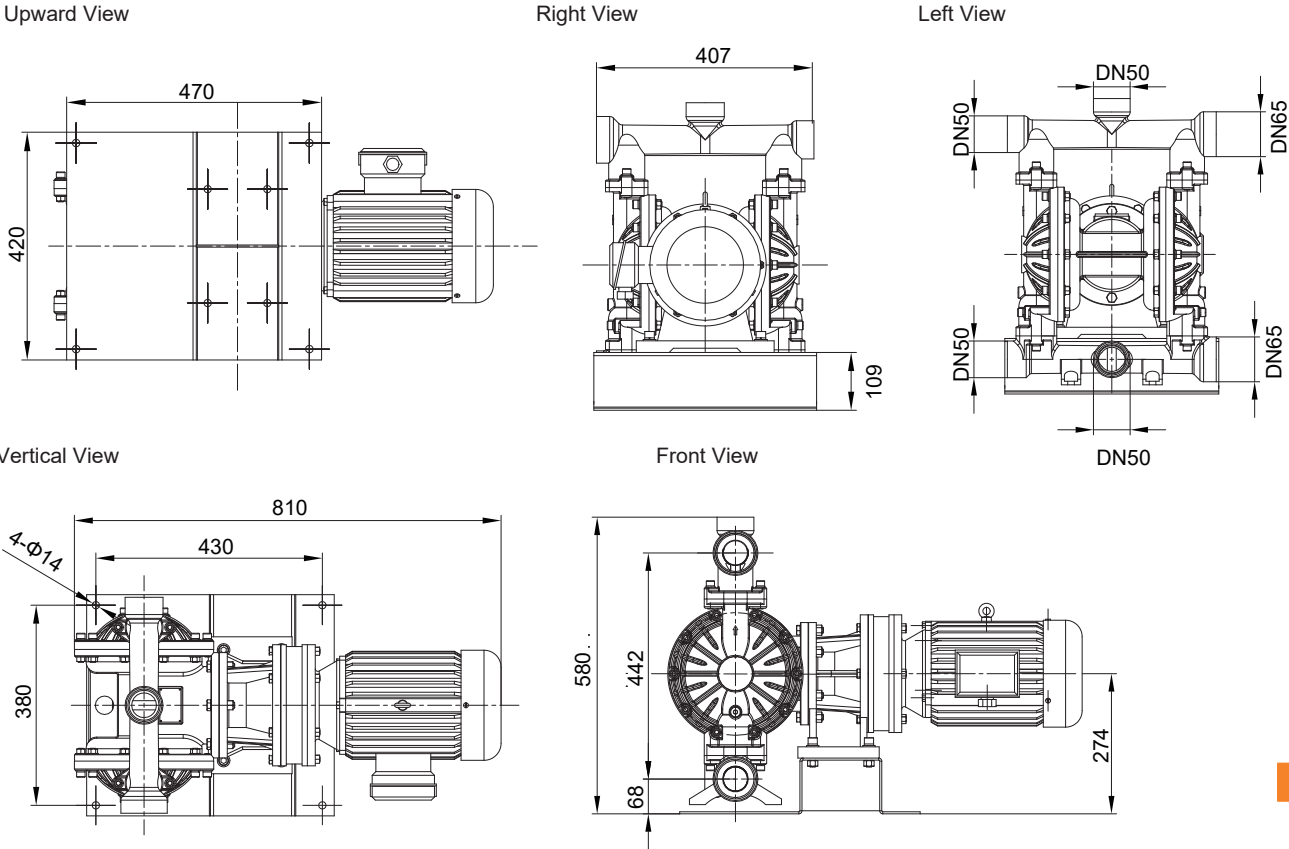


Aluminum alloy

Specifications

	DBY3-50	DBY3S-50
Max. Flow Rate	162 lpm	162 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN50 (2")
Max. Permitted Grain	4.8 mm	4.8 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	2.2 kw	3 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

DBY3-50
DBY3-65

Engineering plastics / Fluorine plastic

Specifications

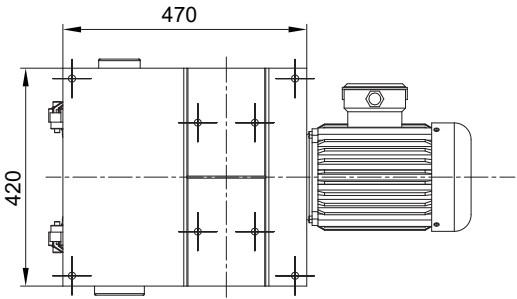
	DBY3-50	DBY3S-50
Max. Flow Rate	162 lpm	162 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN50 (2")
Max. Permitted Grain	4.8 mm	4.8 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	2.2 kw	3 kw
Every Reciprocating Flow	1.9 L	1.9 L
Max. Reciprocating Speed	85 cpm	85 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



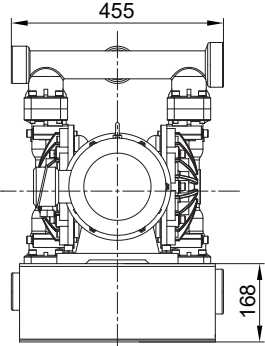
Fluorine plastic

Installation dimensions

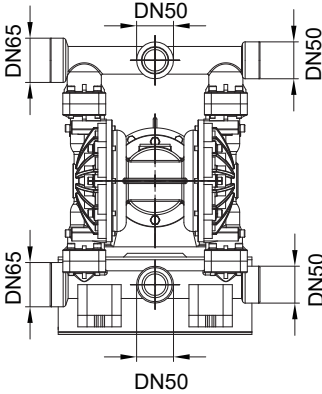
Upward View



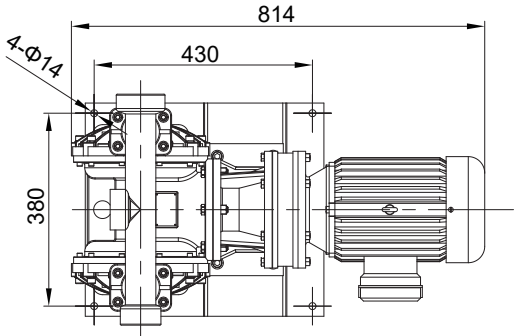
Right View



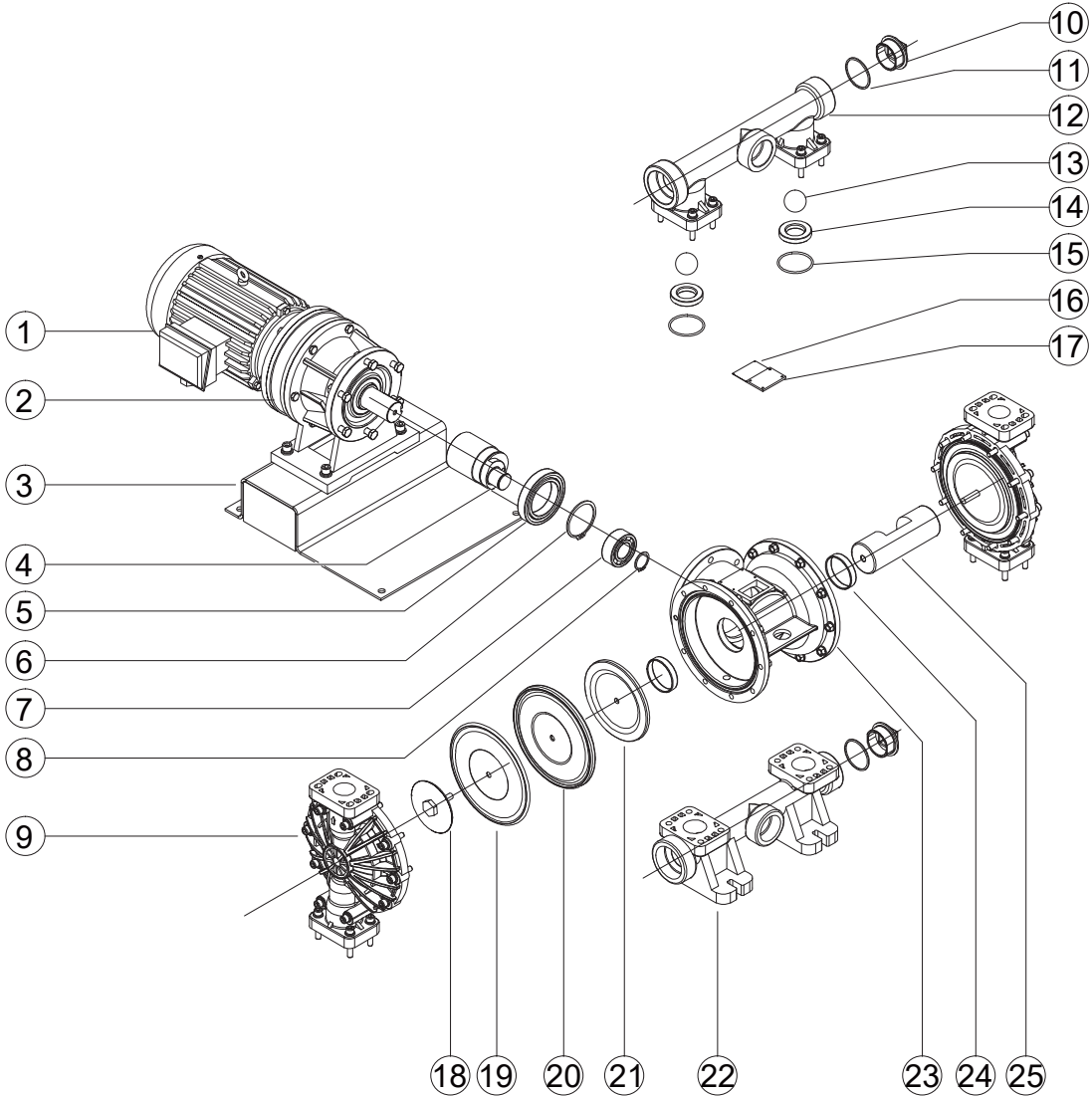
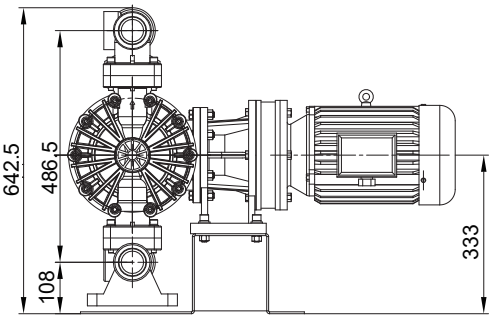
Left View



Vertical View



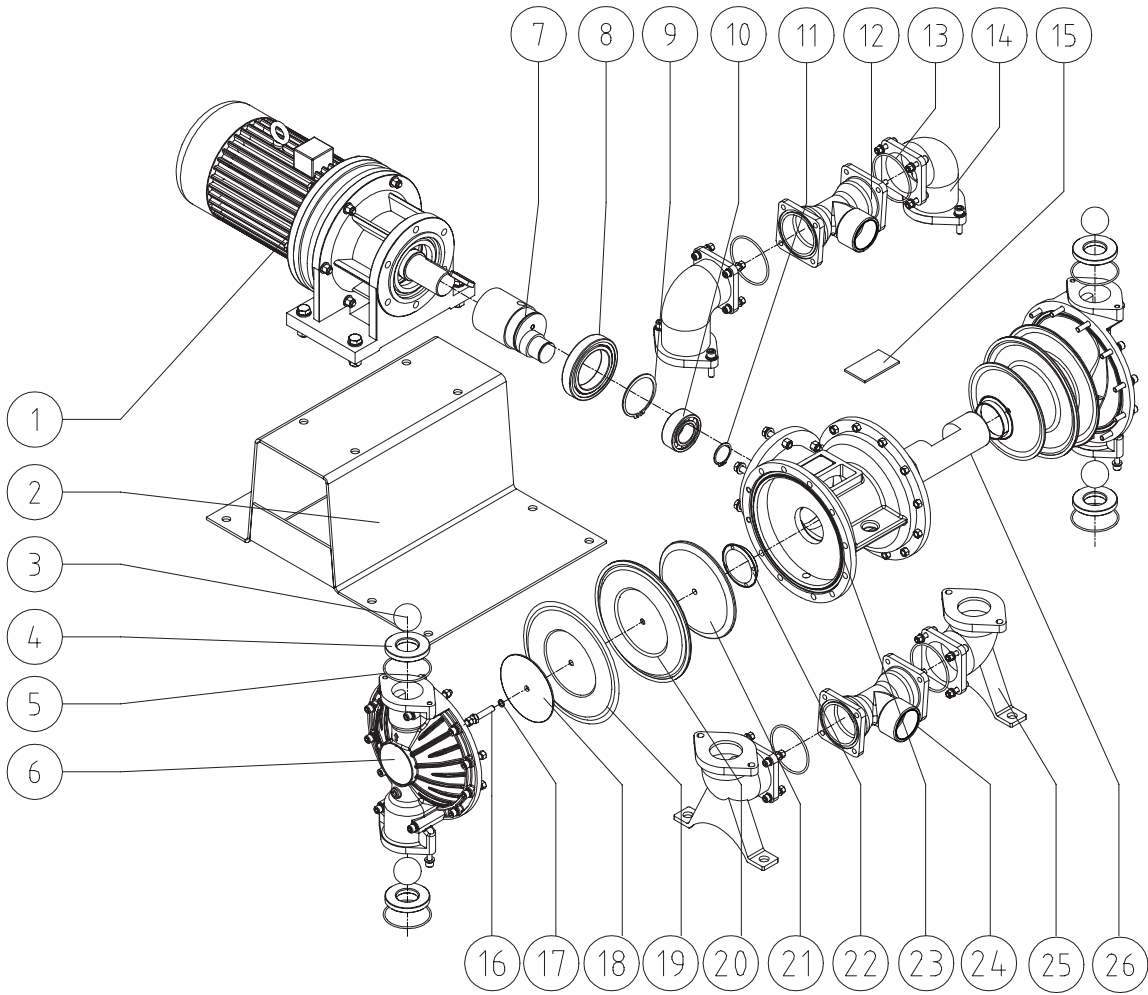
Front View



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Plug	11	Plug Sealing Ring	12	Outlet Manifold
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body	24	Connecting Rod Axis Sleeve
25	Connecting Rod Axis						

BFD-50
Aluminum alloy / Stainless steel
Nodular cast iron / Engineering plastics
Fluorine plastic



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Base	03	Ball Valve	04	Ball Seat
05	Ball Seat Sealing Ring	06	Stand Column	07	Eccentric Axis	08	Large Bearing
09	Large Washer	10	Small Bearing	11	Small Washer	12	Outlet Manifold
13	Tee Pipe Sealing Ring	14	Upper Elbow	15	Inspection Window	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Axis Sleeve	23	Center Body	24	Inlet Manifold
25	Lower Elbow	26	Connecting Rod Axis				

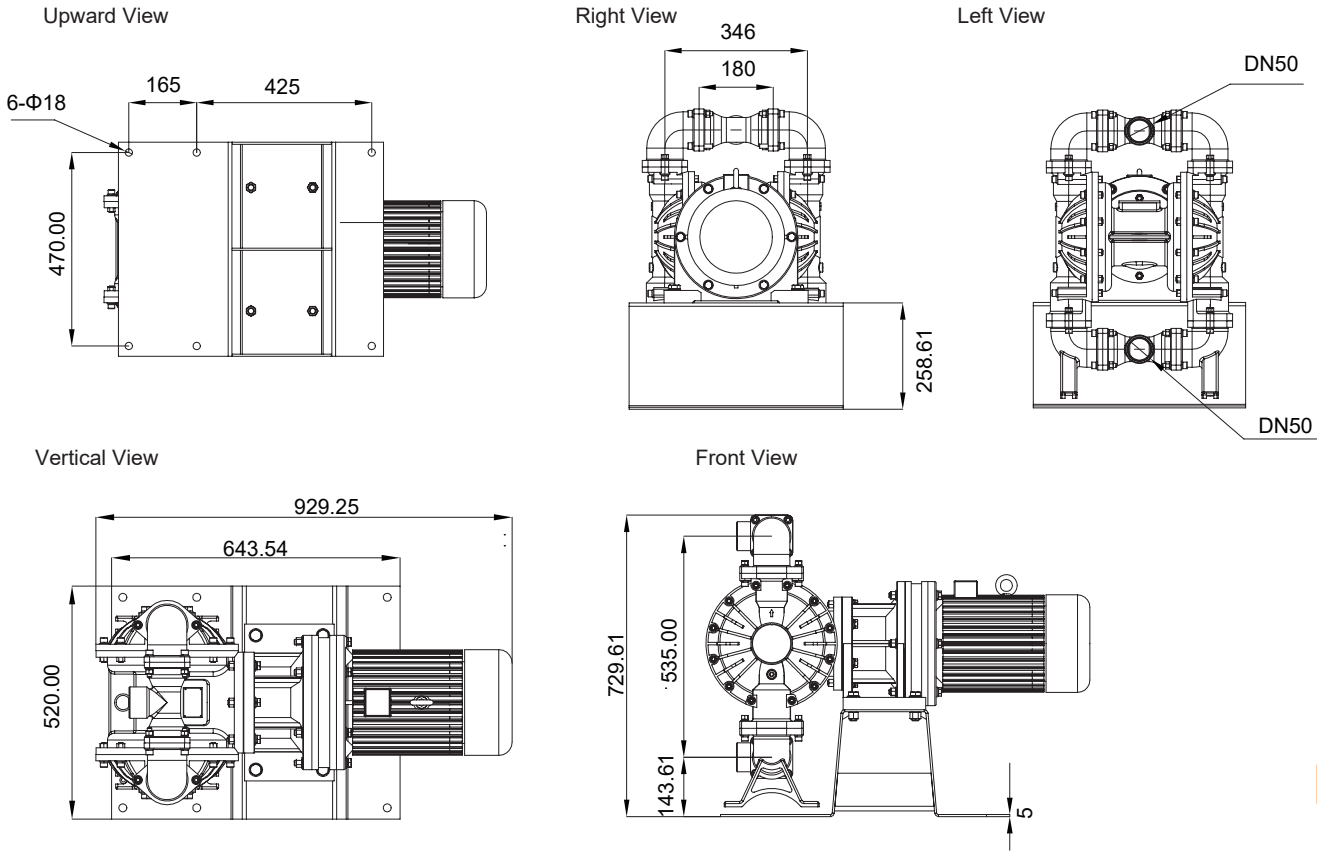


Stainless steel

Specifications

	BFD-50	BFDS-50
Max. Flow Rate	245 lpm	245 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN50 (2")	DN50 (2")
Max. Permitted Grain	6.4 mm	6.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	3 kw	4 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions

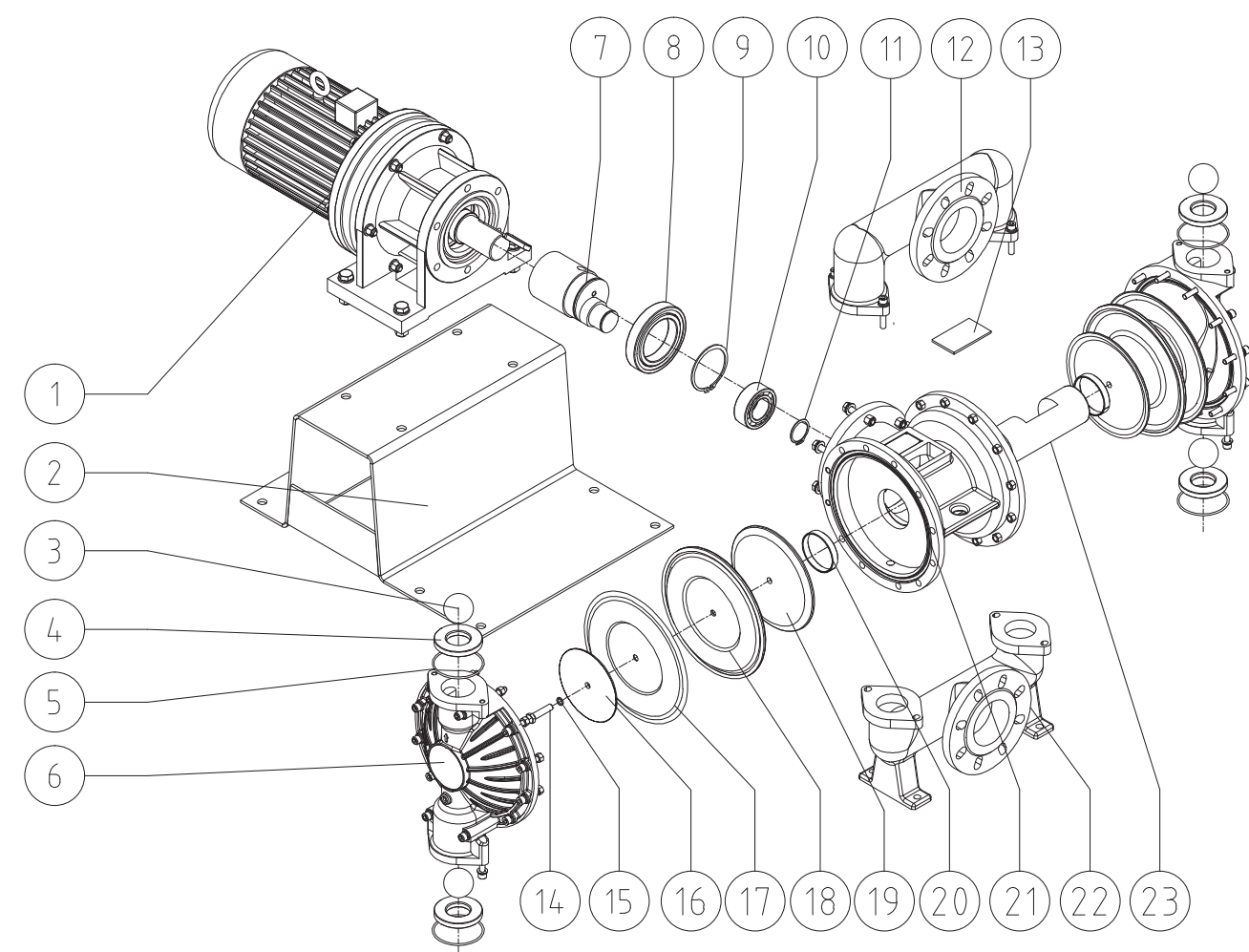


Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.

DBY3-80

DBY3-100

Aluminum alloy / Stainless steel / Nodular cast iron



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Base	03	Ball Valve	04	Ball Seat
05	Ball Seat Sealing Ring	06	Stand Column	07	Eccentric Axis	08	Large Bearing
09	Large Washer	10	Small Bearing	11	Small Washer	12	Outlet Manifold
13	Inspection Window	14	Splint Screw	15	Splint O-ring	16	Outer Splint
17	Teflon Diaphragm	18	Santoprene Diaphragm	19	Inner Splint	20	Axis Sleeve
21	Center Body	22	Inlet Manifold	23	Connecting Rod Axis		



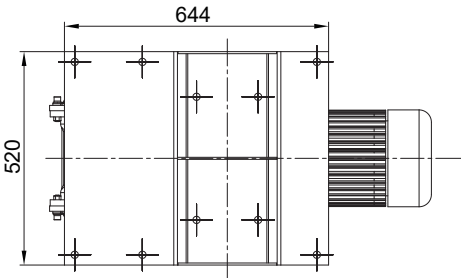
Aluminium alloy

Specifications

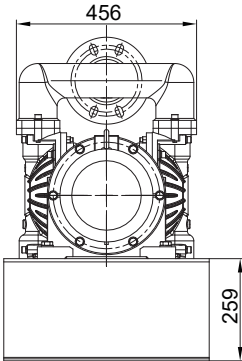
	DBY3-80	DBY3S-80
Max. Flow Rate	245 lpm	245 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN80 (3")
Max. Permitted Grain	6.4 mm	6.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	3 kw	4 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions

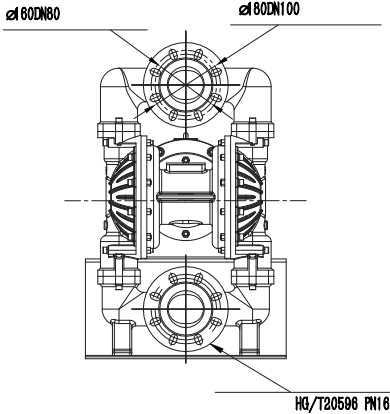
Upward View



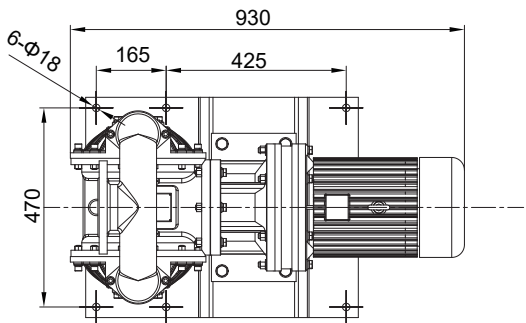
Right View



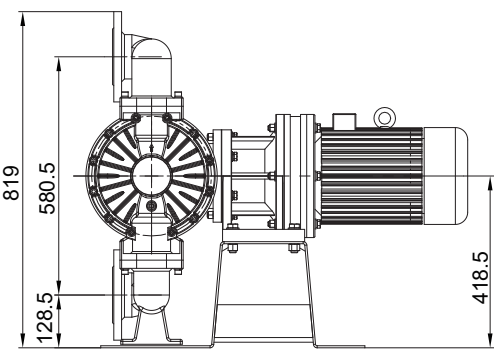
Left View



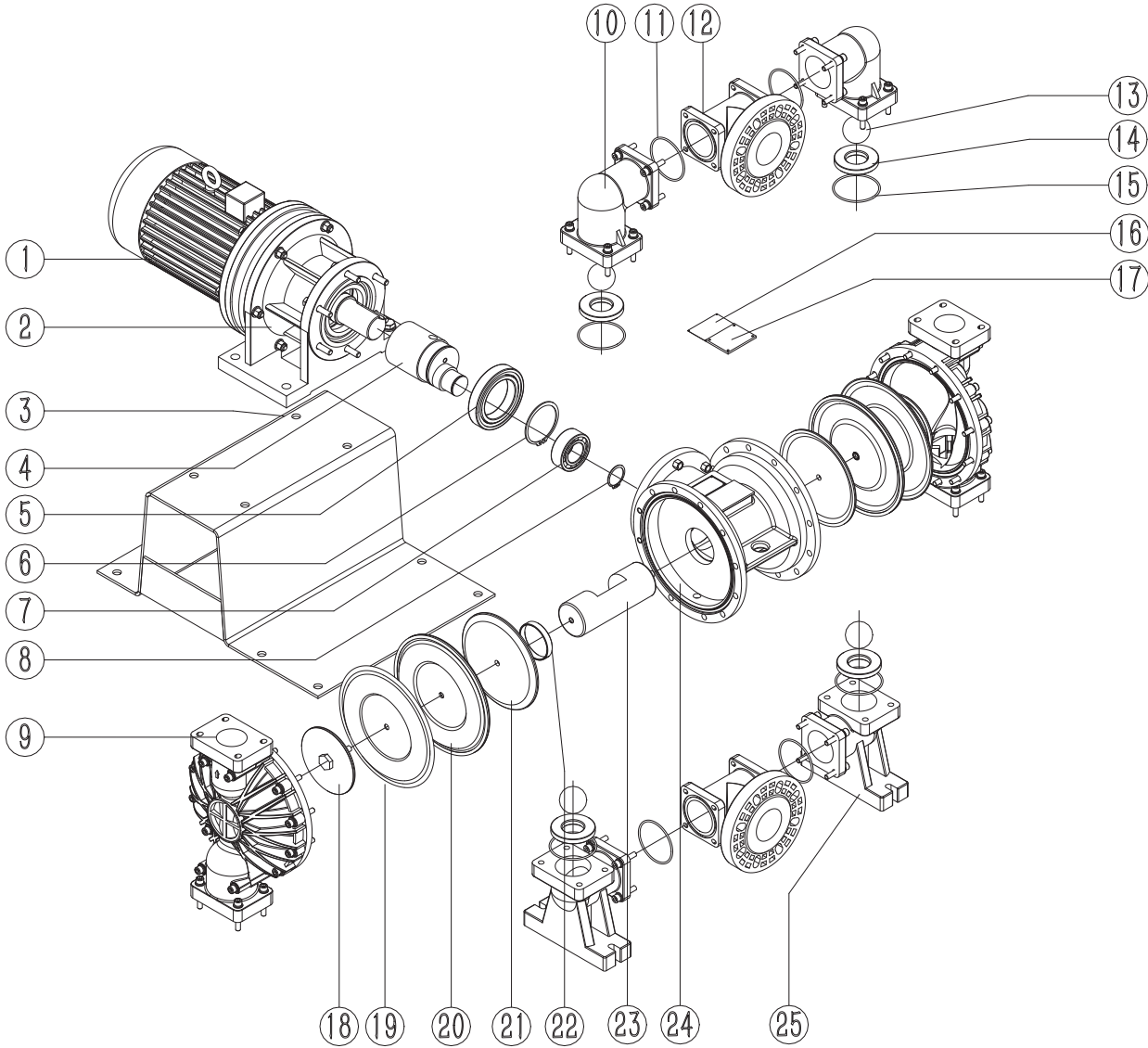
Vertical View



Front View



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Stand Column	10	Upper Elbow	11	Tee Sealing Ring	12	Tee Pipe
13	Ball Valve	14	Ball Seat	15	Ball Seat Sealing Ring	16	Nameplate
17	Inspection Window	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Connecting Rod Axis Sleeve	23	Connecting Rod Axis	24	Center Body
25	Lower Elbow						

DBY3-80
DBY3-100

Engineering plastics / Fluorine plastic

Specifications

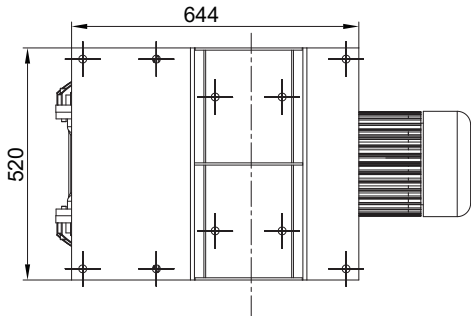
	DBY3-80	DBY3S-80
Max. Flow Rate	245 lpm	245 lpm
Max. Head	40 m	70 m
Max. Suction Height	5 m	5 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN80 (3")
Max. Permitted Grain	6.4 mm	6.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	3 kw	4 kw
Every Reciprocating Flow	3.9 L	3.9 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		



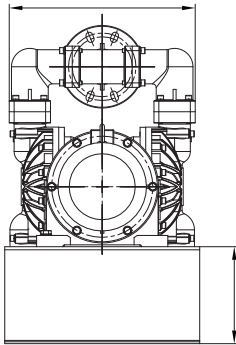
Fluorine plastic

Installation dimensions

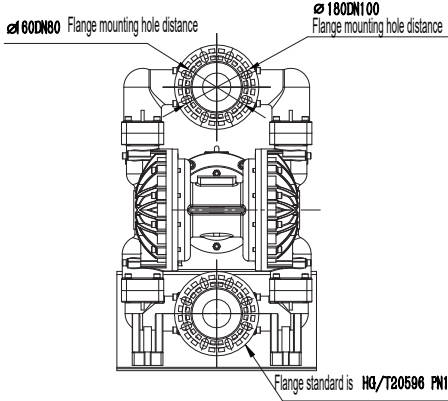
Upward View



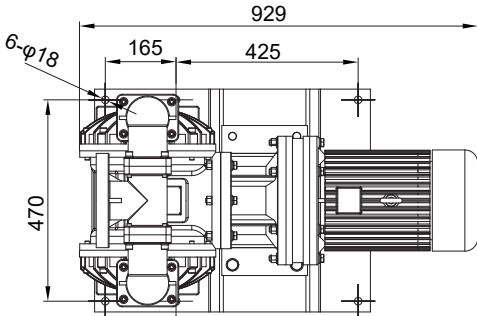
Right View



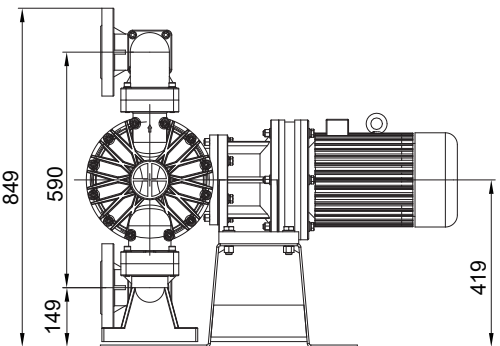
Left View



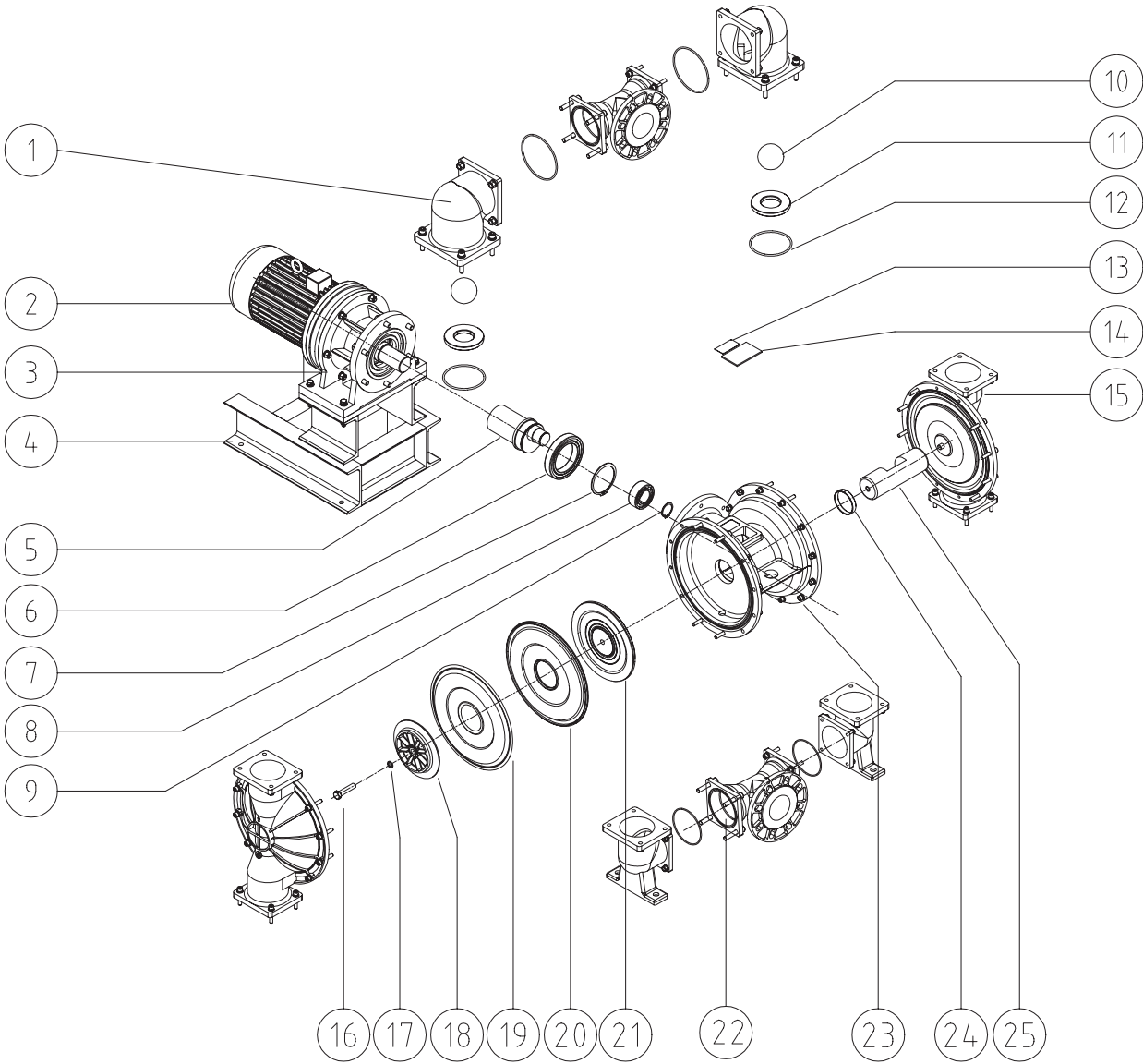
Vertical View



Front View



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Upper Elbow	02	Motor	03	Reducer	04	Base
05	Eccentric Axis	06	Large Bearing	07	Large Washer	08	Small Bearing
09	Small Washer	10	Ball Valve	11	Ball Seat	12	Ball Seat Sealing Ring
13	Inspection Window	14	Nameplate	15	Stand Column	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Tee	23	Center Body	24	Axis Sleeve
25	Connecting Rod Axis						

BFD-80
Aluminum alloy / Stainless steel
Nodular cast iron / Engineering plastics
Fluorine plastic

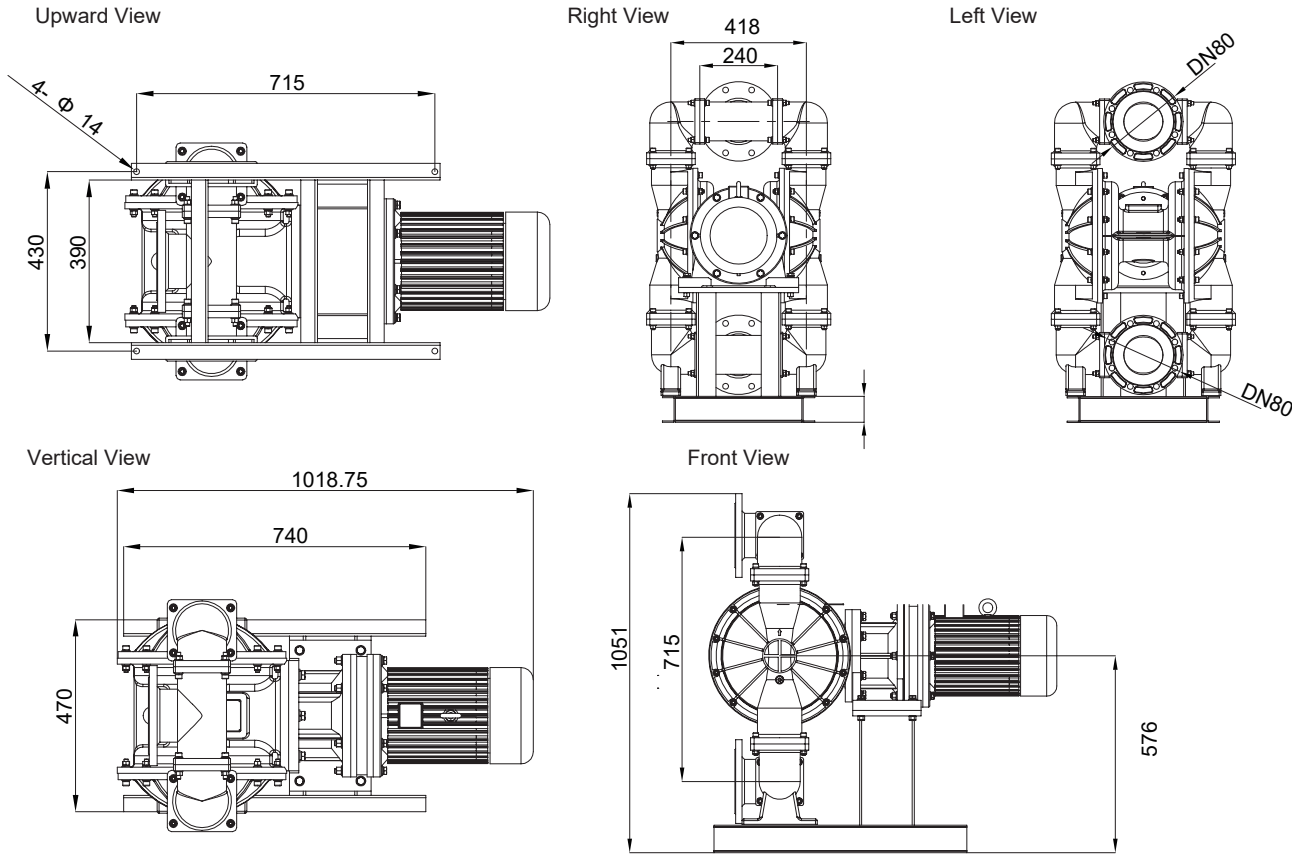
Specifications



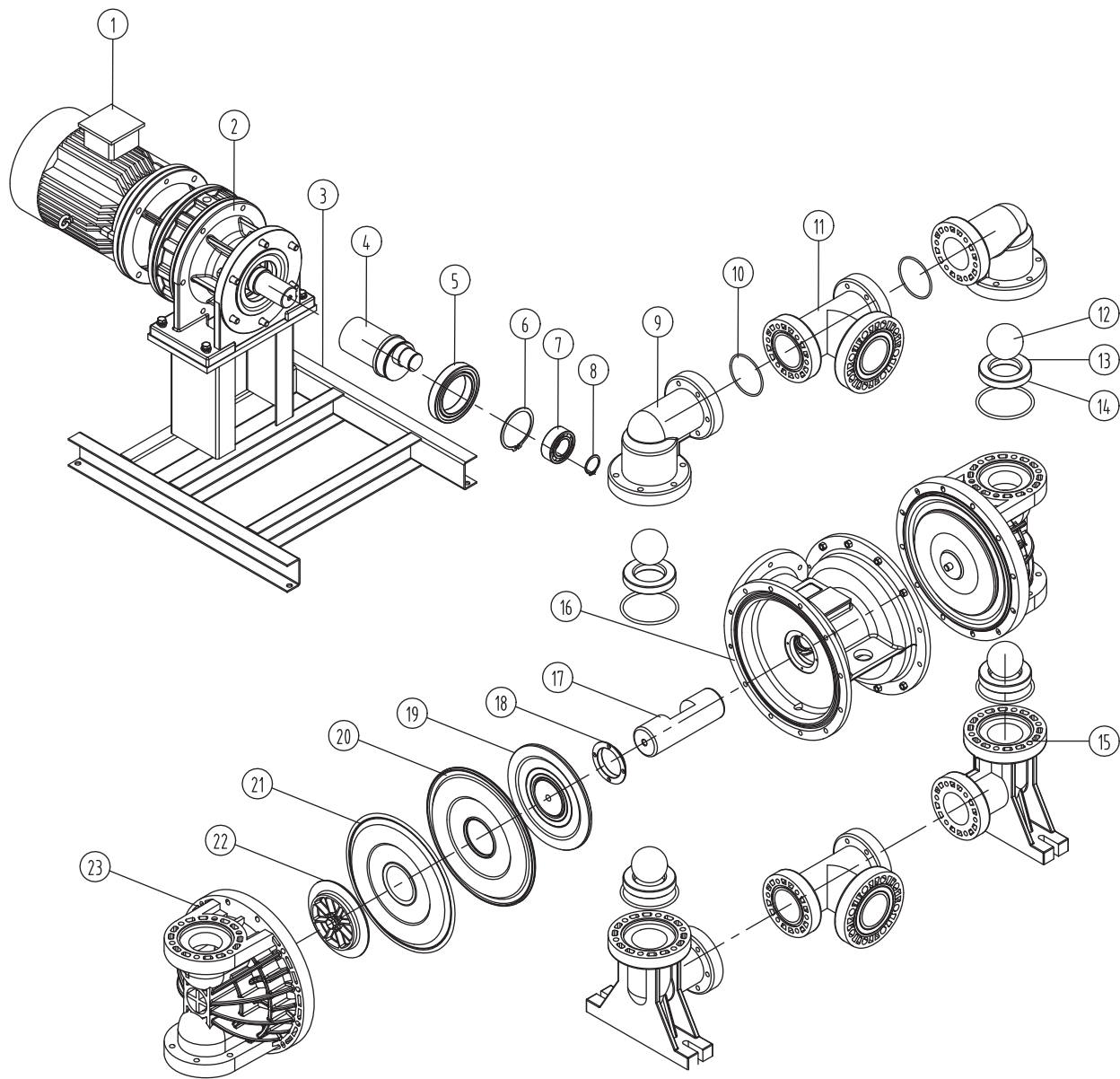
Stainless steel

	BFD-80	BFDS-80
Max. Flow Rate	480 lpm	480 lpm
Max. Head	40 m	70 m
Max. Suction Height	6 m	6 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN80 (3")
Max. Permitted Grain	9.4 mm	9.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	4 kw	5.5 kw
Every Reciprocating Flow	7.6 L	7.6 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Motor	02	Reducer	03	Base	04	Eccentric Axis
05	Large Bearing	06	Large Washer	07	Small Bearing	08	Small Washer
09	Upper Elbow	10	Tee Sealing Ring	11	Tee Pipe	12	Ball Valve
13	Tee	14	Ball Seat	15	Lower Elbow	16	Center Body
17	Connecting Rod Axis	18	Connecting Rod Axis Sleeve	19	Inner Splint	20	Santoprene Diaphragm
21	Teflon Diaphragm	22	Outer Splint	23	Stand Column		

BFD-80

Engineering plastics / Fluorine plastic

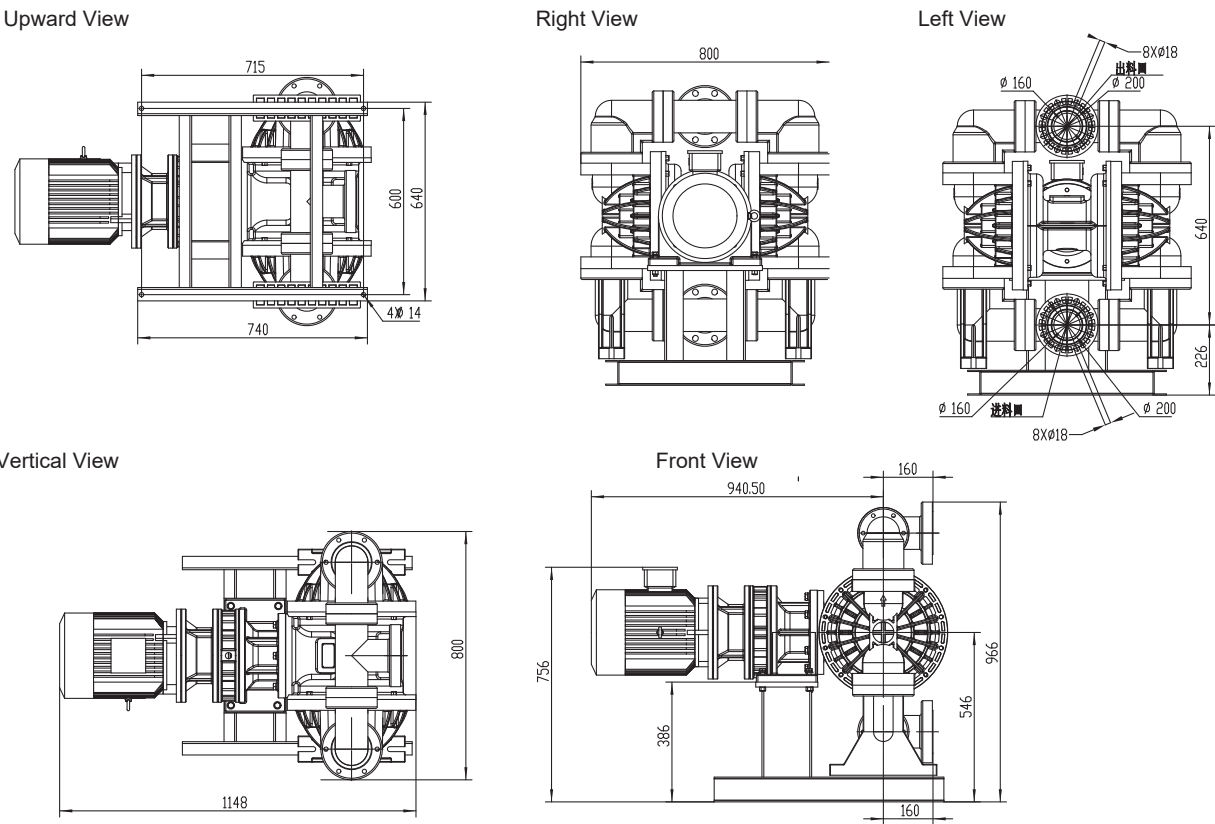


Engineering plastics

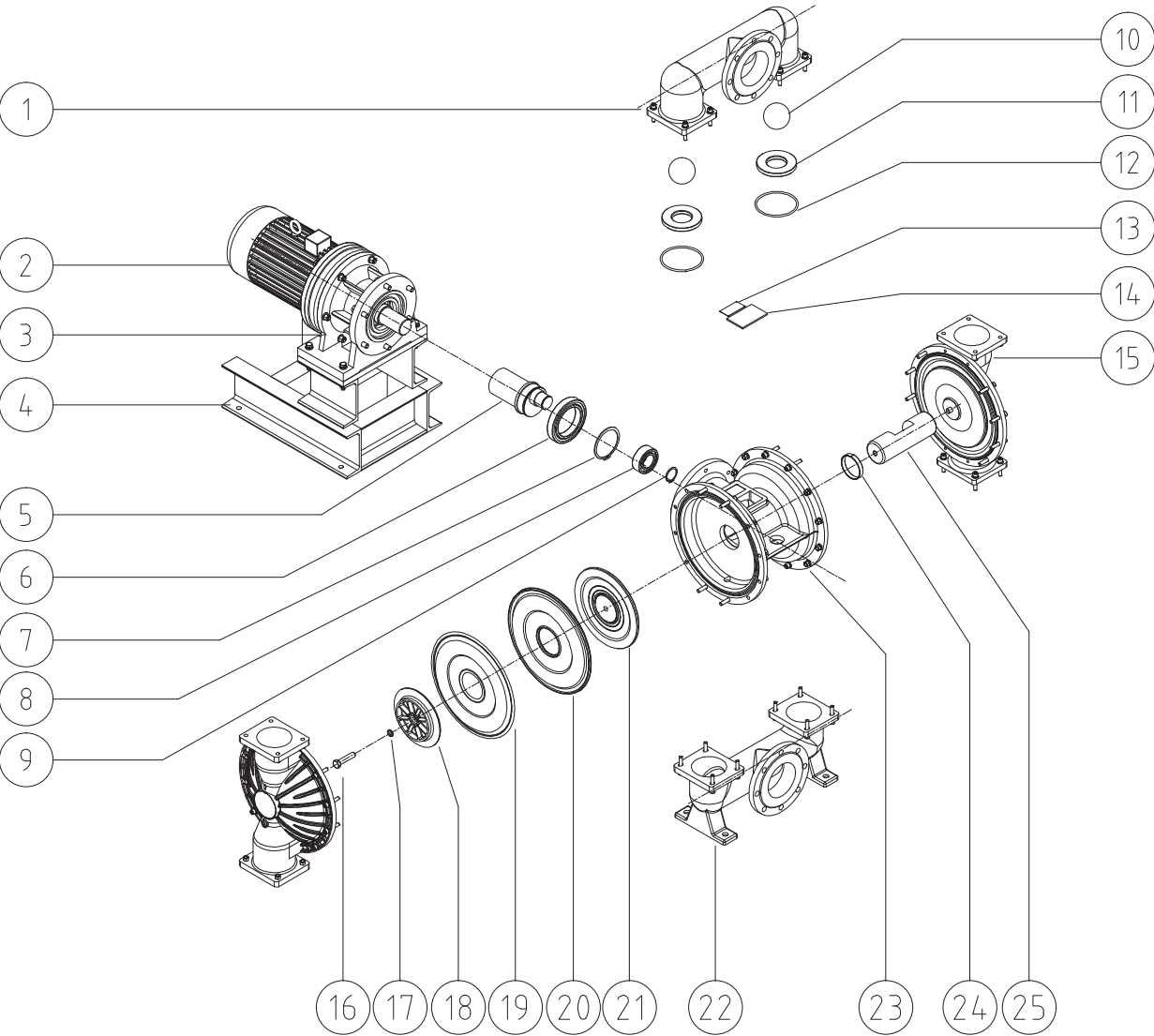
Specifications

	BFD-80	BFDS-80
Max. Flow Rate	480 lpm	480 lpm
Max. Head	40 m	70 m
Max. Suction Height	6 m	6 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN80 (3")	DN80 (3")
Max. Permitted Grain	9.4 mm	9.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	4 kw	5.5 kw
Every Reciprocating Flow	7.6 L	7.6 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co., Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Outlet Manifold	02	Motor	03	Reducer	04	Base
05	Eccentric Axis	06	Large Bearing	07	Large Washer	08	Small Bearing
09	Small Washer	10	Ball Valve	11	Ball Seat	12	Ball Seat Sealing Ring
13	Inspection Window	14	Nameplate	15	Stand Column	16	Splint Screw
17	Splint O-ring	18	Outer Splint	19	Teflon Diaphragm	20	Santoprene Diaphragm
21	Inner Splint	22	Inlet Manifold	23	Center Body	24	Axis Sleeve
25	Connecting Rod Axis						

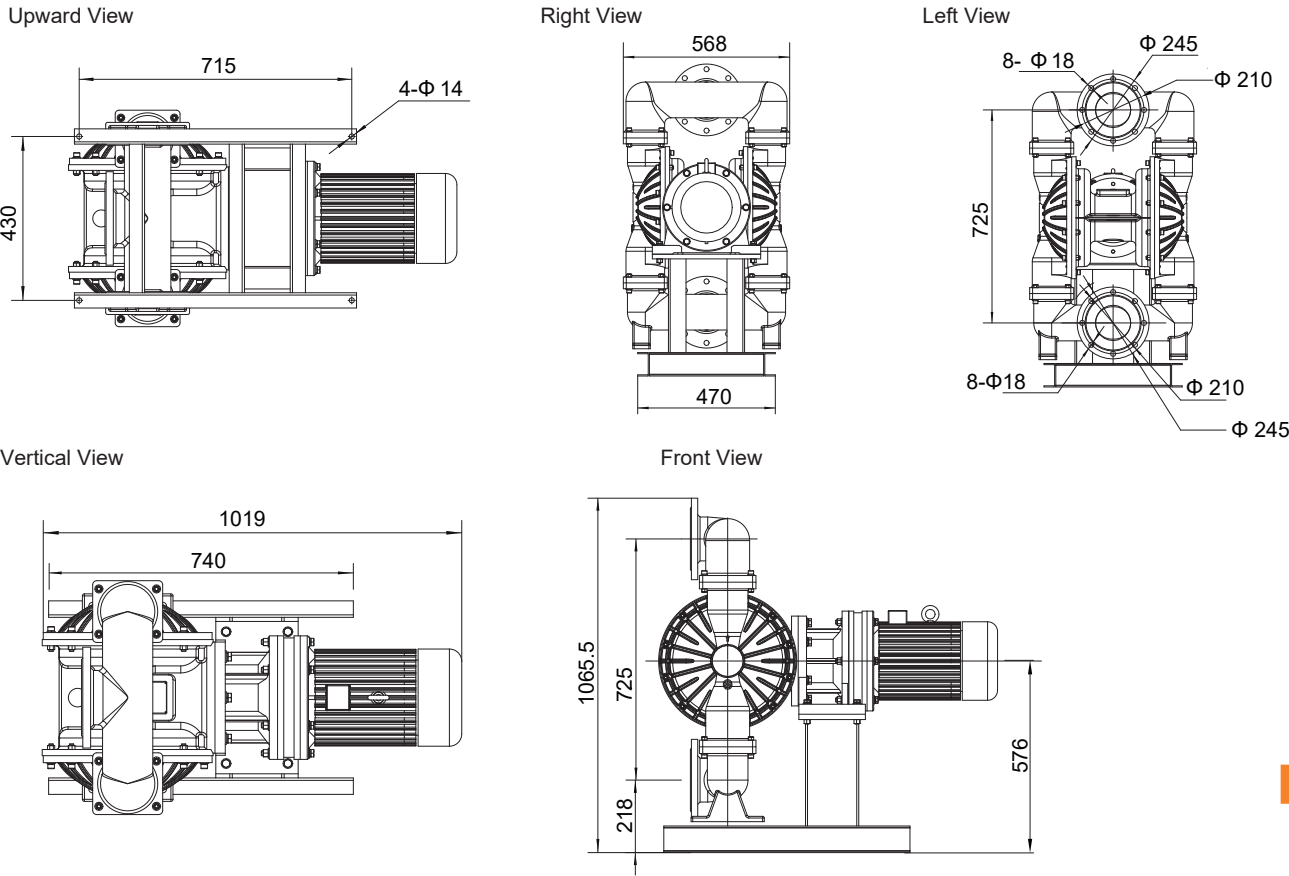
DBY3-125
Aluminum alloy

Specifications

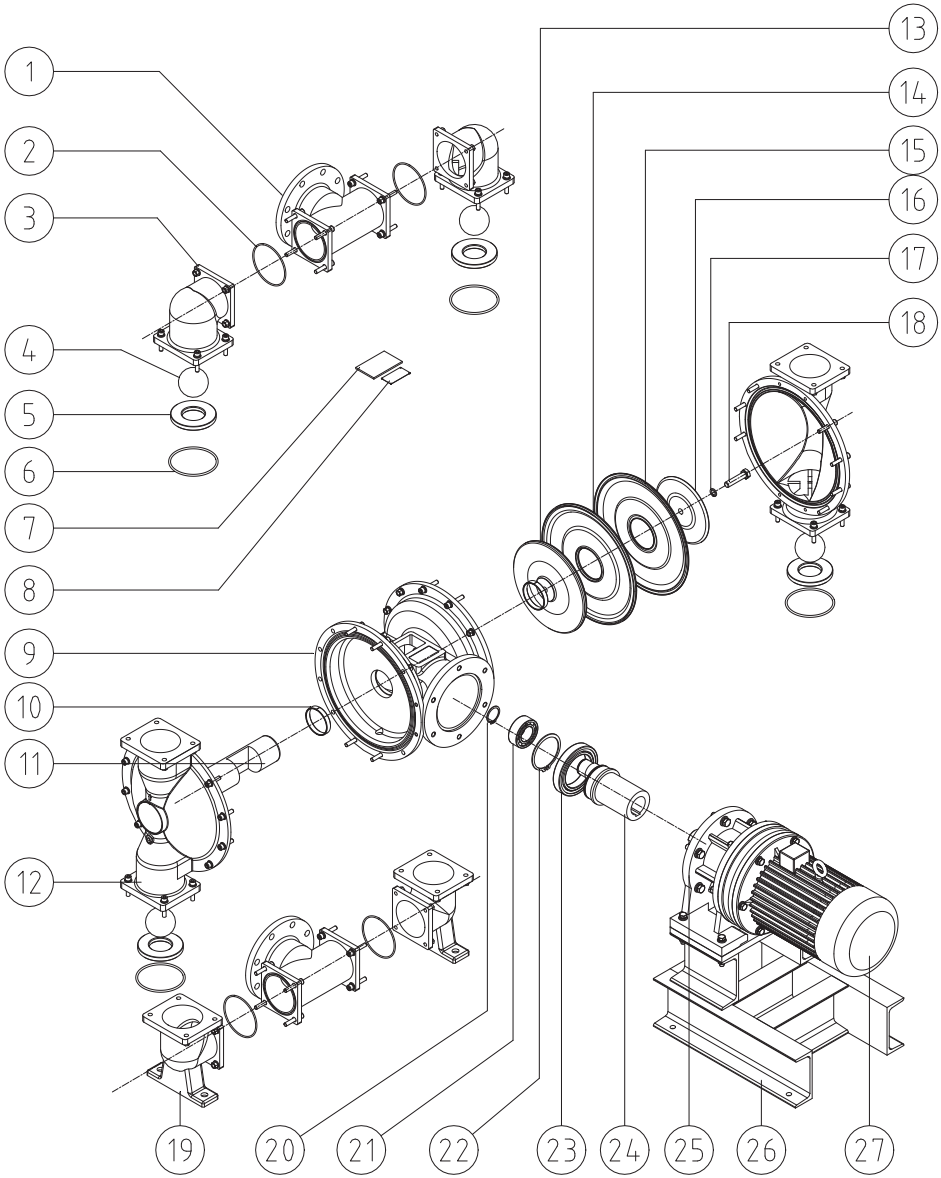


	DBY3-125	DBY3S-125
Max. Flow Rate	480 lpm	480 lpm
Max. Head	40 m	70 m
Max. Suction Height	6 m	6 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN125 (5")	DN125 (5")
Max. Permitted Grain	9.4 mm	9.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	4 kw	5.5 kw
Every Reciprocating Flow	7.6 L	7.6 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Parts List

No.	Name	No.	Name	No.	Name	No.	Name
01	Tee	02	Tee Sealing Ring	03	Upper Elbow	04	Ball Valve
05	Ball Seat	06	Ball Seat Sealing Ring	07	Inspection Window	08	Nameplate
09	Center Body	10	Axis Sleeve	11	Connecting Rod Axis	12	Stand Column
13	Inner Splint	14	Santoprene Diaphragm	15	Teflon Diaphragm	16	Outer Splint
17	Splint O-ring	18	Splint Screw	19	Lower Elbow	20	Small Washer
21	Small Bearing	22	Large Washer	23	Large Bearing	24	Eccentric Axis
25	Reducer	26	Base	27	Motor		

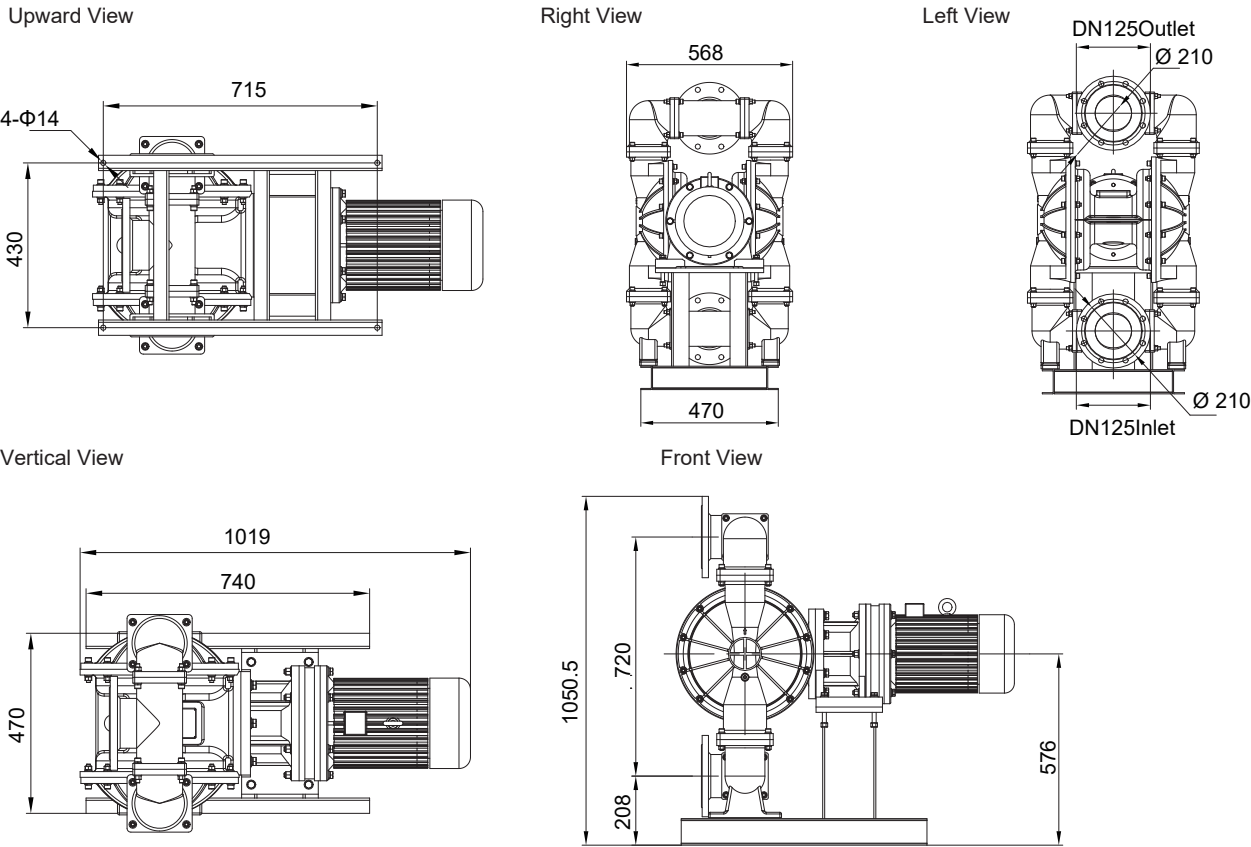


DBY3-125
Stainless steel / Nodular cast iron

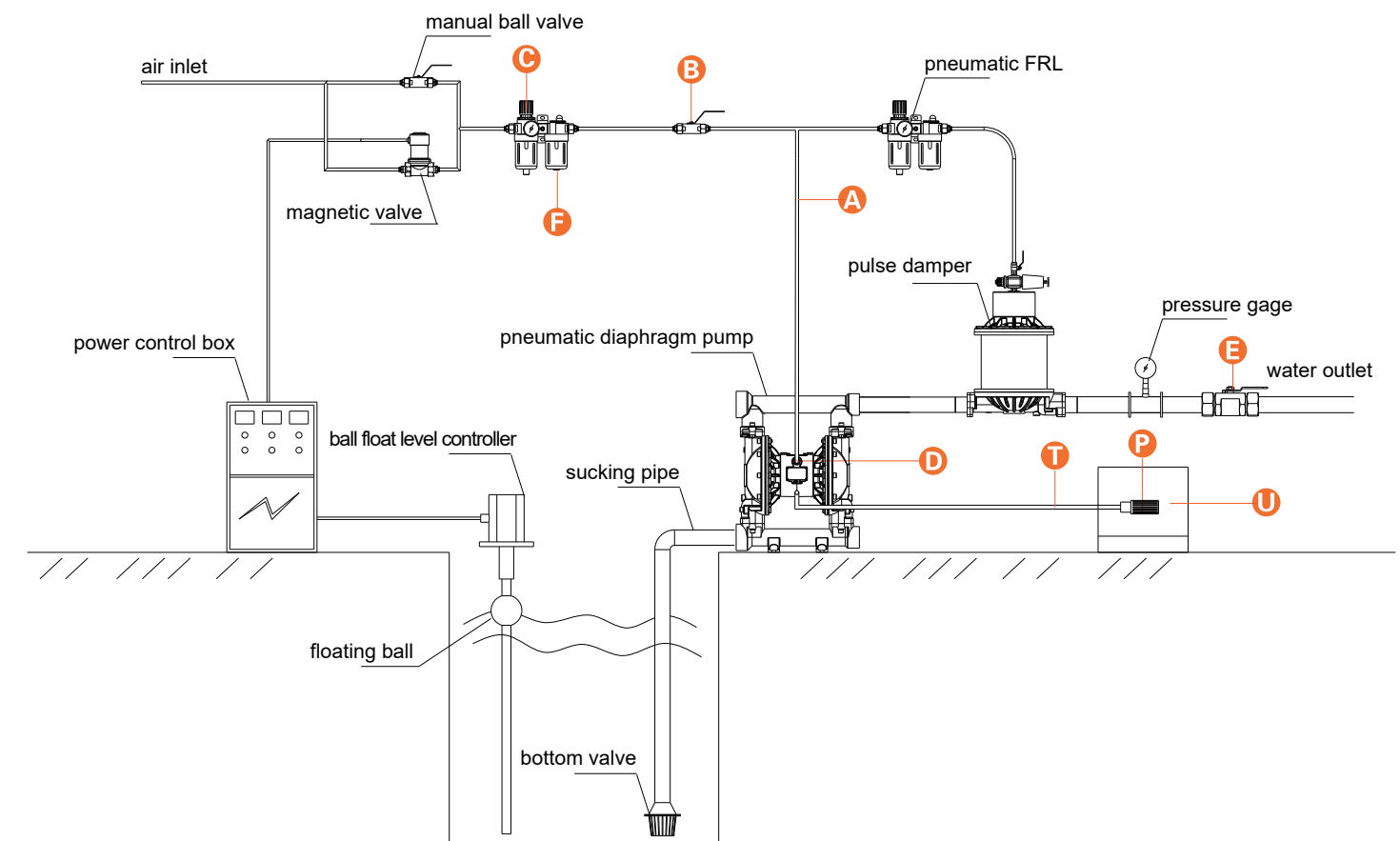
Specifications

	DBY3-125	DBY3S-125
Max. Flow Rate	480 lpm	480 lpm
Max. Head	40 m	70 m
Max. Suction Height	6 m	6 m
Max. Working Pressure	4 bar	7 bar
Fluid Inlet/Outlet Size	DN125 (5")	DN125 (5")
Max. Permitted Grain	9.4 mm	9.4 mm
Outlet Pressure	0.4 Mpa	0.7 Mpa
Motor Power	4 kw	5.5 kw
Every Reciprocating Flow	7.6 L	7.6 L
Max. Reciprocating Speed	63 cpm	63 cpm
Pump body structure materials: Cast steel Nodular cast iron Aluminum alloy PP Stainless steel PVDF		

Installation dimensions



Note: GODO Manufacturing Co.,Ltd reserves the right to change product design without prior notice. Please consult sales for latest product size.



Corrosion Resistance Parameter List of Fluid Contact Parts

Corrosive fluid	Liquid concentration(%)																			
	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100
Acetic Acid (at room temperature)																				
Acetic Acid (hot)																				
Acetic Acid (boiling)																				
Chromic Acid																				
Nitric Acid																				
Phosphoric Acid (at room temperature)																				
Phosphoric Acid (hot)																				
Phosphoric Acid (boiling)																				
Potassium Hydroxide (<140°F)																				
Potassium Hydroxide (<185°F)																				
Sodium Chloride																				
Magnesium Hydroxide																				
Sodium Hydroxide																				
Hydrochloric Acid																				
Hydrochloric Acid (boiling)																				
Hydrofluoric Acid (at room temperature)																				
Hydrofluoric Acid (boiling)																				
Hydrofluoric Acid																				
Sulfuric Acid (<125°F)																				
Sulfuric Acid (125°F ~ 175°F)																				
Sulfuric Acid (boiling)																				

PPStainless SteelPTFENo Data

Corrosion Resistance Parameter List of Fluid Contact Parts

Corrosive Liquid	Aluminum	Stainless Steel	Polypropylene	Buna-N	EPDM	Viton	Teflon	Polyester
Asphalt								
Glycosylamine								
Acetylene								
Linseed Oil								
Acetone								
Ethyl Alcohol								
Methyl Alcohol								
Ammonia Liquor								
Sulfurous Acid								
Whiskey								
Diethyl Ether								
Ethanolamine								
Ethylene Glycol								
LPG								
Zinc Chloride								
Chlorinated Paraffins (Dry)								
HCl (Dry)								
Copper Chloride (Dry)								
NACl								
Nickel Chloride								
Barium Chloride								
Magnesium Chloride								
Dichloromethane								
Chlorine								
Chlorin (Dry)								
Octane								
Oleic Acid								
Gasoline (Finished)								
Gasoline (Crude)								
Sodium Perchlorate								
Fruit Juice								
Sodium Perborate								
Xylene/Mixed Xylene								
Formic Acid								
Volatile Oil								
Citric Acid								
Fat								
Tar								
Glycol								
Kerosene								
Cresylic Acid								
Trichloromethane (Dry)								
Sodium Silicate								
Corn Oil								
Acetic Acid								
Isopropyl Acetate								
Acetic Acid Isobutyl Ester								
Acetidin								
Lime Acetate								
Butyl Acetate								
Sugar-cane								
Sugar Beet								
Oxygen								
Edipotassium Cyanide								
Sodium Cyanide (Dry)								
Cyclohexane								
Oxalic Acid								
Silicone Oil								
Jet Fuel								
Fatty Acid								
Tartaric Acid								
Nitric Acid								
Aluminium Nitrate								
Ammonium Nitrate								
Zinc Nitrate								
Potassium Nitrate								
Calcium Nitrate								
Ferric Nitrate								
Sodium Nitrate								
Magnesium Nitrate								
Slaked Lime								
Vegetable Oil								
Calcium Nitrite								
Hyaluronic Acid Potassium								
Sodium Bicarbonate								
Stearic Acid								
Butyl Stearate								
Vinegar								
Mercury								
Ammonium Hydroxide								

Corrosive Liquid	Aluminum	Stainless Steel	Polypropylene	Buna-N	EPDM	Viton	Teflon	Polyester
Magnesium Hydroxide								
Hydrogen								
Gelatin								
Carbonic Acid (Phenol)								
Petroleum								
Cyanic Acid								
Lime Sulfuric Acid								
Soap-Suds								
Washing Powder (Synthetic)								
Soda Ash								
Soya-bean Oil								
Carbonic Acid								
Sodium Carbonate								
Magnesium Carbonate								
Tannic Acid (Dilute)								
Sodium Thiosulfate								
Diesel Fuel								
Tetrachloroethylene								
Natural Gas								
Trichloroethylene								
Toluene								
Kerosene								
Crude Gasoline								
Naphthalene								
Naphthenic Acid								
(Animal) Glue								
Methylamine Saltpeter								
Ethylene Chloride (Dry)								
Carbon Disulfide								
Lactic Acid								
Urea								
Paraffin Wax								
Palmitic Acid								
White Liquor (Paper Mill)								
Castor Oil								
Picric Acid								
Beer								
Freon								
Propane								
Propanediol								
Butane								
Butanol								
Butyl Ethylene								
Glucose								
Aluminum Fluoride (Dry)								
Ethane								
Benzene								
Volatile Oil								
Formalin								
Methyl Alcohol								
Boric Acid								
Sodium Borate								
Cow Milk								
Cosmetics								
Anhydrous Ammonia								
Acetic Oxide								
Phthalic Anhydride								
Methanol								
Methane								
Toluene								
Cotton Seed Oil								
Lard								
Paint								
Linolenic Acid								
Ammonium Phosphate								
Sodium Phosphate								
Sodium Sulfide								
Barium Sulfide								
Aluminum Sulfide								
Ammonium Sulfate								
Potassium Sulfate								
Sodium Sulfate								
Magnesium Sulfate								
Zinc Sulfate								
Ferrous Sulfate								
Rosin								
Wine								
Vinegar								
Calcium Hydroxide								
Sodium Dydroxide								

• in the table means applicable.
Please consult the business department for specific selection.