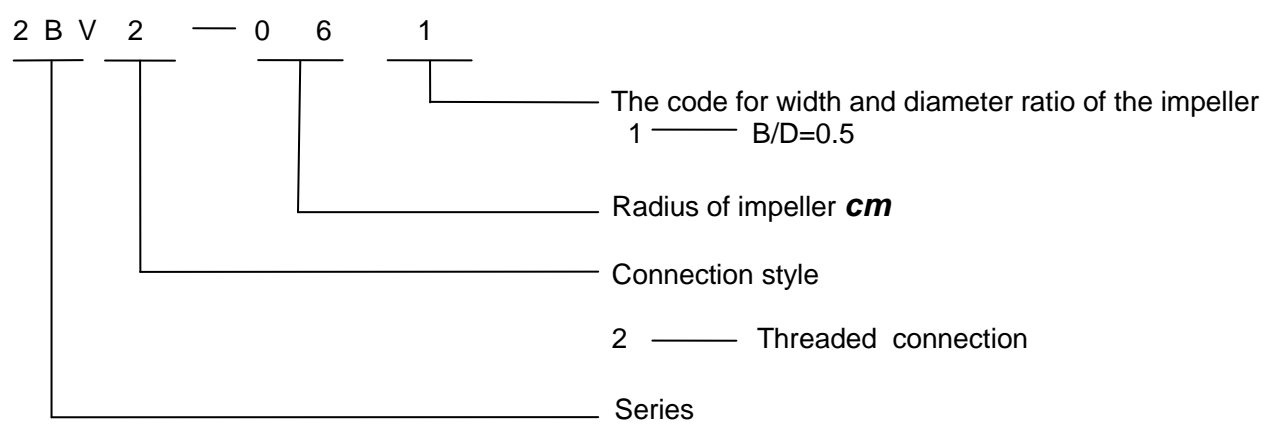


2BV2- 061 Liquid ring vacuum pump

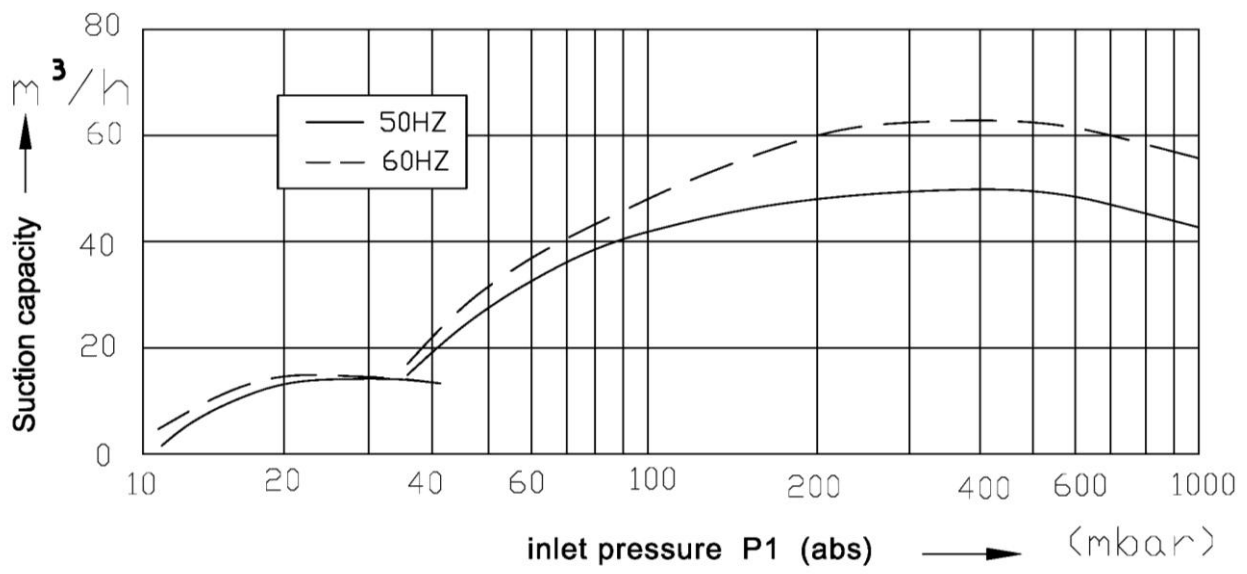
- 1、 Ultimate vacuum 33mbar.
- 2、 Coaxial pump and direct design,saving space,easy to install.
- 3、 Lost wax casting, CNC machining .
- 4、 Mechanical seal design , easy to maintenance, no leak.
- 5、 Stable operation , the noise can be as low as 62db.



2BV2- 061 type cope:



The performance curve of 2BV2-061



Note: The 2BV liquid ring vacuum pump performance curve is obtained under the following condition:

1. Suction temperature 20°C
2. Operating liquid temperature 15°C
3. Discharge pressure:1013mbar
4. Medium to be pumped: Saturated air
5. Tolerance:±10%

Technical data

Motor type	Voltage	Rotation speed		Power		Current		Capacity		Weigh	
		50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ	50HZ	60HZ
3-Phase motor	380V	2840rpm	3410rpm	1.45kw	2.2kw	3.3A	5.4A	52m ³ /h	62m ³ /h	20kg	25kg
	400V	2840rpm	3410rpm	1.45kw	2.2kw	3.2A	4.6A	52m ³ /h	62m ³ /h	20kg	25kg

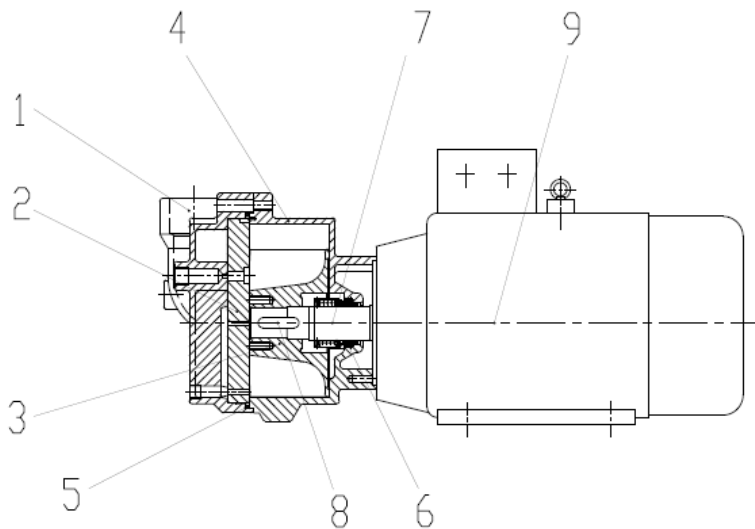
Ultimate vacuum	Medium	Medium temperature	Operating liquid	Operating liquid temperature	Discharge pressure	Transmission
33mbar	Saturated air	≤40°C	Water	4-30°C	0.02MPa	Coupling

Note: The above data is only our common configuration data, our company can produce non-standard products according to customer requirements, please call us.

Consumption data

Vacuum	<200mbar	200~600mbar	>600mbar
Water consumption	2.5L/min	1.7~2.5L/min	0.8~1.7L/min

Cross-sectional drawing



1	Pump cover	2	Separate plate
3	Impeller	4	Pump casing
5	O-ring	6	Mechanical seal
7	Shaft	8	Flat key
9	Motor		

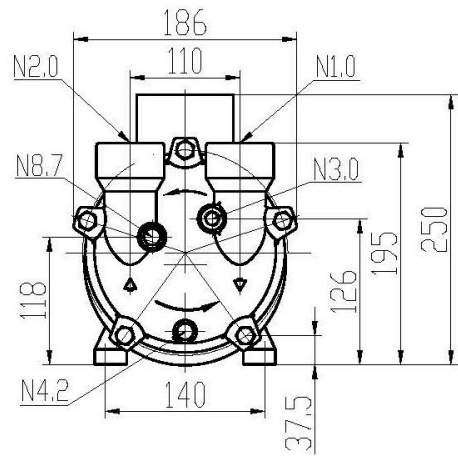
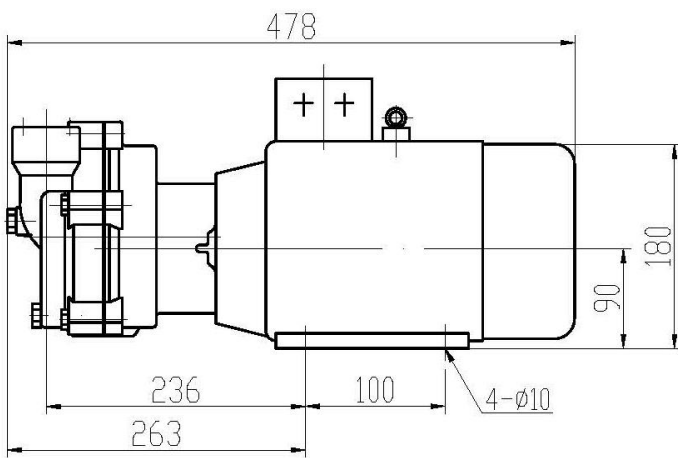
Material of spare parts

Pump cover	Impeller	Separate plate	Pump casing	Shaft	Bearing gland	O-ring
HT200/SS304	HT200/SS304	HT200/SS304	HT200/SS304	45#steel/ SS304	HT200	Rubber/Teflon

Note: The above data is only our common configuration data, our company can produce non-standard products according to customer requirements, please call us.

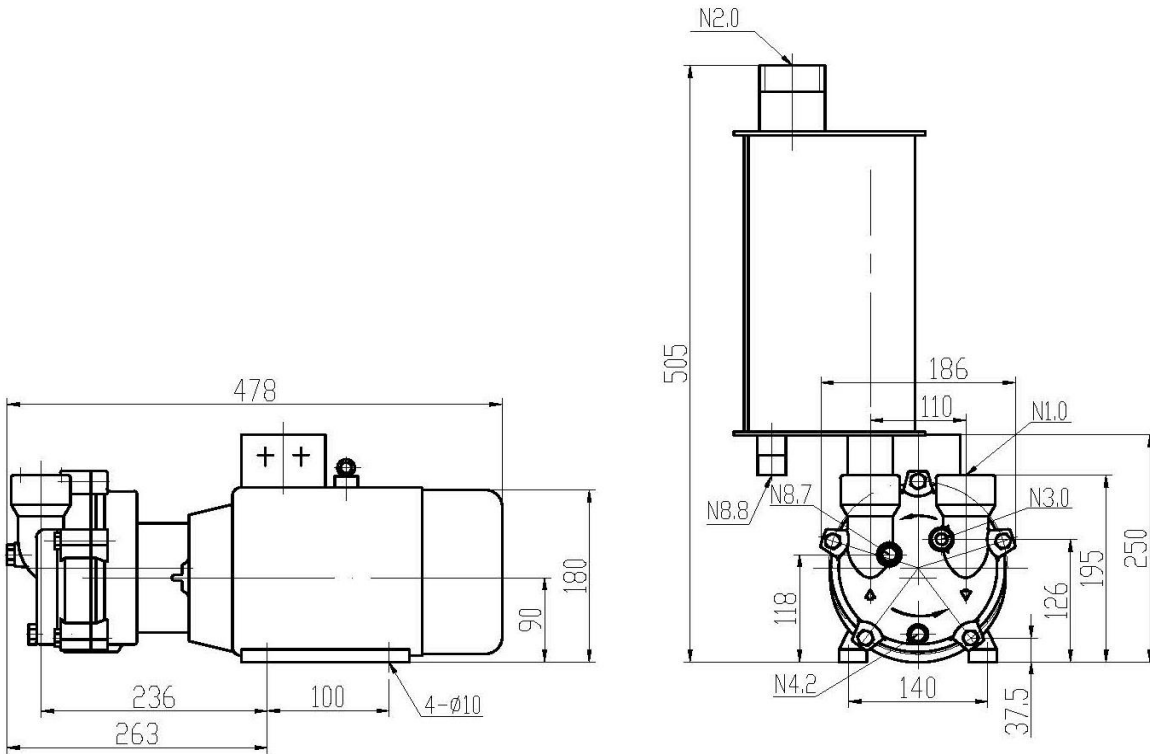
Dimension drawing 2BV2-061 50HZ

A. Pump



Size chart					
Position	N1.0	N2.0	N3.0	N4.2	N8.7
Size	G1 "	G1 "	G3/8 "	G1/4 "	G3/8 "
Application	Gas inlet	Outlet	Water inlet	Drain	Cavitation protection

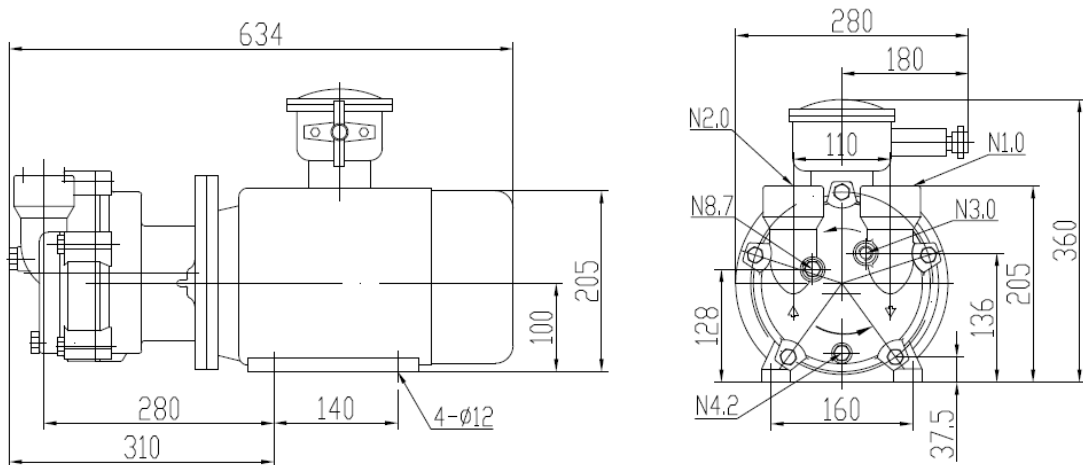
B. With separators



Size chart						
Position	N1.0	N2.0	N3.0	N4.2	N8.7	N8.8
Size	G1 "	G1.5 "	G3/8 "	G1/4 "	G3/8 "	G3/4 "
Application	Gas inlet	Outlet	Water inlet	Drain	Cavitation protection	Drain

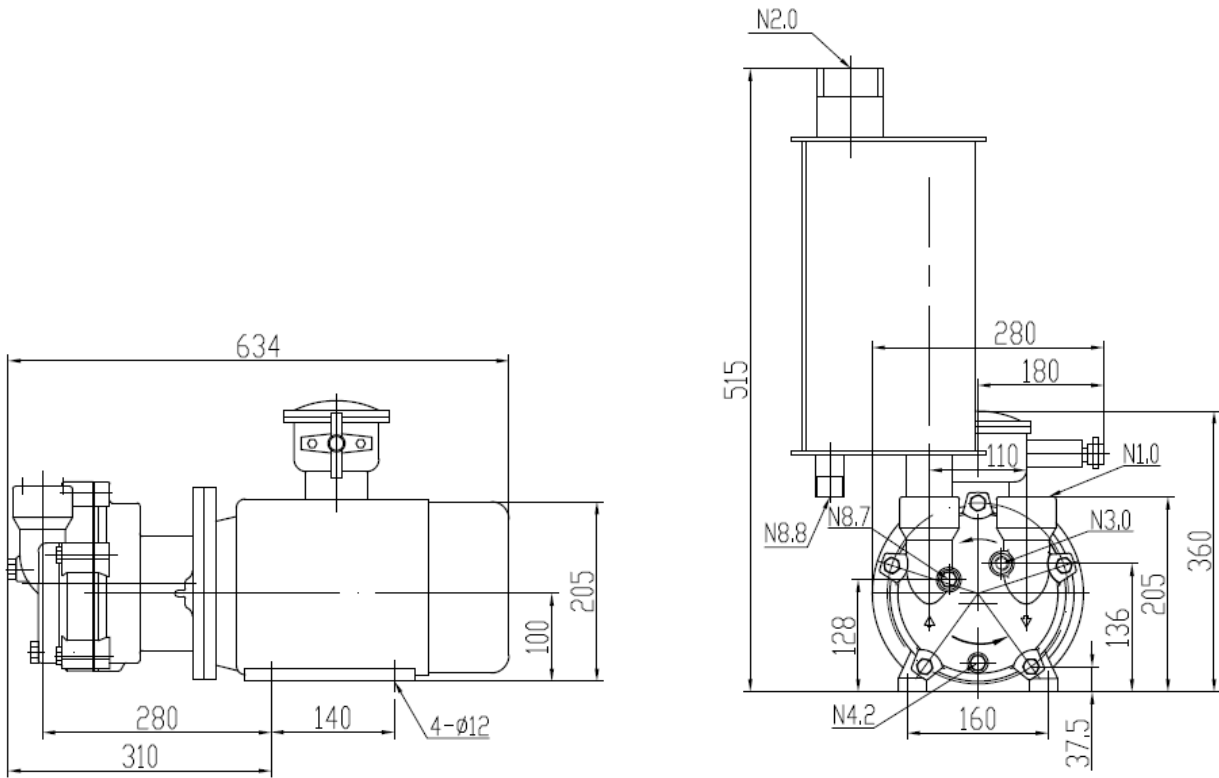
Dimension drawing 2BV2-061 60HZ

A.Pump



Size chart					
Position	N1.0	N2.0	N3.0	N4.2	N8.7
Size	G1 "	G1 "	G3/8 "	G1/4 "	G3/8 "
Application	Gas inlet	Outlet	Water inlet	Drain	Cavitation protection

B. With separators



Size chart						
Position	N1.0	N2.0	N3.0	N4.2	N8.7	N8.8
Size	G1 "	G1.5 "	G3/8 "	G1/4 "	G3/8 "	G3/4 "
Application	Gas inlet	Outlet	Water inlet	Drain	Cavitation otection	Drain

NOTE: All dimensions in this brochure are for reference only, final dimensions are subject to our specification.