ClassNK ISO 9001 JAB CM 005

TAIKO

CORPORATE PROFILE

TAIKO KIKAI INDUSTRIES CO., LTD.

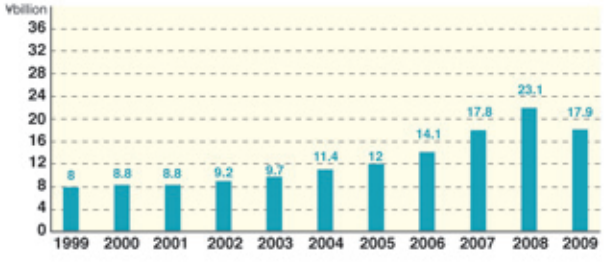
Structure

Registered Firm Name	TAIKO KIKAI INDUSTRIES CO., LTD.
Chief Executive	Koichi Kimura (President)
●Head Office and Factory	209-1 Shimotabuse, Tabuse-cho, Kumage-gun, Yamaguchi-Pref. 742-1598 Japan General Affairs: Tel: 81-820-52-3111 Fax: 81-820-53-2127 E-mail:g-afair@taiko-kk.com Business: Tel: 81-820-52-3113~4 Fax: 81-820-53-1001 E-mail: business@taiko-kk.com
●Second Factory	966 Ogo, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1513 Japan Tel: 81-820-52-2147 Fax: 81-820-52-2148
●Tokyo Branch	4th floor, Suidobashi MS Building, 3-4-9 Misaki-cho, Chiyoda-ku, Tokyo 101-0061 Japan Tel: 81-3-3221-8551 Fax: 81-3-3221-8555 E-mail: tokyo-br@taiko-kk.com
●Osaka Branch	8th floor, KC Building, 3-4-7 Kawara-machi, Chuo-ku, Osaka 541-0048 Japan Tel: 81-6-6231-6241 Fax: 81-6-6222-3295 E-mail: osaka-br@taiko-kk.com
Tokyo Service Center	160 Aioi-cho, Wakaba-ku, Chiba-shi, Chiba-Pref. 264-0031 Japan Tel: 81-43-252-8493 Fax: 81-43-252-8498 E-mail: service-tky@taiko-kk.com
●Electro Magnetic Division	966 Ogo, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1513 Japan Tel: 81-820-52-2147 Fax: 81-820-52-2148 E-mail: sales@secoh.co.jp
Beijing Resident Office	Room 7-4H Julong Garden, No.68 Xingzhong Strret, Dong-cheng District, Beijing 100027 China Tel: 86-106551-9673/9674 Fax: 86-106552-7742 E-mail: taiko-beijing@taiko-kk.com
Shanghai Resident Office	28F/F, Time Square, No.500 Zhangyang Road, Shanghai 200122 China Tel: 86-5836-8070 Fax: 86-21-5836-8077 E-mail: shanghai@taiko-kk.com
	●ISO9001 certified
Date of Establishment	Established at present location in April, 1956
Company Objectives	Design, production and sale of blowers, pumps, vacuum pump and environment protection devices
Capital	$US 552,010
Number of Employees	379 persons
Area	Head Office and Factory 72,788m^2 Building 26,583m^2 Second Factory 24,761 m^2 Building 10,577m^2
Members	The Ship Machinery Manufacturer's Association of Japan Japan Ship Machinery Export Association Japan Ship Machinery Quality Control Association Japan Marine Machinery Development Association
Company Banks	Momiji Bank, Tokuyama Branch/Hiroshima Bank, Yanai Branch/Yamaguchi Bank, Yanai Branch/ Bank of Tokyo-Mitsubishi UFJ, Tokuyama Branch/ Mizuho Bank, Limited, Tokuyama Branch

History

Apr. 1956	TAIKO KIKAI INDUSTRIES CO.,LTD. was established at the present location with a capital of $170,000(¥17,000,000) and began design, production and sale of TAIKO Segmental Gear Pumps (patent No. 221928).
May. 1958	Opened Tokyo office.
Apr. 1960	Opened Osaka office.
Apr. 1963	Tokyo and Osaka offices become permanent.
Dec. 1963	Capital was increased to $426,150 (¥42,615,000)
Jan. 1965	Supplied fuel oil pump for Antarctic research ship 'Fuji'.
Apr. 1965	Kyushu factory completed. Began design, production and sale of Centrifugal Pump and Sand Pump.
Oct. 1968	Began design, production and sale of Rotary Blowers.
Sep. 1969	Introduced Quality Control (QC).
Dec. 1969	Expanded Rotary Blowers test factory.
Oct. 1971	Began design, production and sale of Sewage Treatment Device.
Nov. 1971	Introduced electric office calculator.
Mar. 1972	Licensed as authorized general construction group (construction industry machines and equipment installation) by the Governor of Yamaguchi prefecture.
Apr. 1972	Environment Business Division launched.
Nov. 1974	Licensed as authorized manufacturer of Gear Pumps (The Ship Safety Law 6, Act 2) by the Minister of Transportation.
Dec. 1974	Capital increased to $428,160 (¥42,816,000)
Mar. 1975	Licensed as authorized construction group in general (piping installation business equipment) and specialized fields (sewage treatment facility construction) by the Minister of Construction.
Oct. 1975	Began design, production and sale of One Screw, Two Screw and Three Screw Pumps.
Jun. 1976	Began design, production and sale of Marine Oily Water Separators.
Mar. 1978	License renewed as authorized construction group in general and specialized fields by the Minister of Construction.
Nov. 1979	License extended as authorized manufacturer of Centrifugal Pumps (The Ship Safety Law 6, Act 2) by the Minister of Transportation.
Jul. 1980	Contract with The Ship Machinery Manufacturer's Association of Japan for "highly viscous oil suction performance experiment on land".
Mar. 1981	License renewed as authorized construction group in general and specialized fields by the Minister of Construction.
Apr. 1981	Supplied main engine intergrated pump and engine room pump for Antarctic research ship 'Shirase'.
Apr. 1983	Implement TQC (Total Quality Control)
Aug. 1983	New facility for the exclusive testing and inspection of Centrifugal Pumps completed.
Dec. 1983	Entered into a license agreement with IMO AB (Sweden) for Tank-mounted Lubrication Oil Pumps.
Mar. 1984	License renewed as authorized construction group in general and specialized fields by the Minister of Construction.
Apr. 1984	Started numbering system to manage materials.
Nov. 1984	Licensed extended as an authorized manufacturer of Screw Pumps (The Ship Safety Law 6, Act 2) by the Minister of Transportation.
Jan. 1985	Started numbering system to manage applications of marine approval.
Apr. 1986	Tokyo and Osaka permanent offices become branches.
Oct. 1986	Began design, production and sale of Oil-free Screw Dry Vacuum Pumps.
Dec. 1986	Provided technical assistance to Changsha Blower Works (China) as cooperation efforts in developing rotary blower technology.
Mar. 1987	Licensed renewed as authorized construction group in general (Set up equipment for civil works construction and electrical construction industries) and specialized fields (sewage treatment facility construction and pipe construction industries) by the Minister of Construction.
Oct. 1989	Introduced EWS/CAD (computer-aided drafting and design system).
Nov. 1989	License renewed as authorized manufacturer of Pumps (The Ship Safety Law 6, Act 2) by the Minister of Transportation extended.
Mar. 1990	License renewed as authorized construction group in general and specialized fields (Pipe construction industry) by the Minister of Construction.
Oct. 1990	Introduced Light file system.
Nov. 1991	Komedashi Factory completed.
Jul. 1992	Began operating TCIM system (TAIKO Computer Integrated Manufacturing)
Mar. 1993	License renewed as authorized construction group in general and specialized fields by the Minister of Construction. Vacuum Pump (constant temperature) Production Factory completed.
Apr. 1994	Office established in Beijing, China.
Nov. 1994	License renewed as authorized manufacturer of Pumps (The Ship Safety Law 6, Act 2) extended by the Minister of Transportation.
Dec. 1994	Began output service for EWS/CAD data FD.
Mar. 1995	Established SHANDONG ZHANGHUANG MACHINERY INDUSTRIES CO., LTD. (China).
Dec. 1995	Expanded Vacuum Pump Production Factory. (Technical Division and Research and Development Department transferred in).
Mar. 1996	Renewed license as authorized construction group in general and specialized fields by the Minister of Construction. Restaurants completed.
Jul. 1996	Provide rotary blower technology to Zhangqiu Blower Factory, Shangdong Province, China.
Jul. 1997	Contracted exclusive sales agreement for Electrical Deepwell Pumps in Japanese market with MarFlex BV (Netherlands).
Jul. 1997	Launched URL.
Sep. 1997	Received type approval for marine pump production by Nippon Kaiji Kyokai (NK).
Oct. 1997	Received type approval for mass production equipment by NK.
Feb. 1999	Received ISO 9001 and JIS Z9901 Certification for Vacuum Pumps from Nippon Kaiji Kyokai (class NK).
Nov. 1999	License renewed as a manufacturer of Pumps (The Ship Safety Law 6, Act 2) by the Minister of Transportation.
Feb. 2000	Received ISO 9001 and JIS Z9901 Certification for Gear Pumps, One Screw Pumps, Two Screw Pumps, Three Screw Pumps, Centrifugal Pumps, Rotary Blowers, Oily Water Separators, Sewage Treatment Devices and Sludge Agitators.
Mar. 2000	Established SHANDONG FENGHUANG FOUNDRY CO., LTD (China).
Apr. 2000	TAIKO domain registration (URL) transferred.
Aug. 2001	Established SHANDONG TAIKO MACHINERY CO., LTD.
Feb. 2003	Established CHONGQING TAIKO AND KANGDA ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD (China).
Mar. 2003	Received 9001 2000 version (JIS Q 9001)
Apr. 2003	Established TAIKO KOREA CO. (South Korea) Representative office opened in Shanghai, China.
Sep. 2003	Received type approval of pump and factory by ABS.
Jan. 2004	The 5th test and service factory completed.
Jan. 2005	The 2nd Vacuum Pump (constant temperature) Production Factory completed.
Jul. 2005	Received type approval of pump by CCS.
Sep. 2005	Established TAIKO KIKAI (QINGDAO) Co., LTD in China.
Nov. 2005	Established SECOH SHANGHAI MEC. LTD in China.
Mar. 2006	Received type approval of factory by BV.
Apr. 2006	Selected by the Ministry of Economy and Industry. as one of the 300 top Small and Medium Enterprises.
Oct. 2006	Recieved type approval of factory by DNV.
Aug. 2007	Received type approval of factory by CCS.
Oct. 2007	Received type approval of factory by KR.
Apr. 2008	TAIKO KIKAI and SECOH SANGYOH merge. Capital increase to $551,760(¥55,176,000) Electro Magnetic Division launched.
May. 2008	Received type approval of factory by LR.
Jun. 2008	Jointed "TEAM MINUS 6%" for greenhouse gas reduction
Jan. 2009	Established a new automatic warehouse. N.B. Figures calculated at exchange rate of $US 1.00 = Y100
Feb. 2009	Received type approval of pump and factory by GL.
May. 2010	Capital increase to $552,010(¥55,201,000)

Growth in Sales



Introduction

A painter creates an artwork on a canvas using his brush, paint and special talent, Similarly, TAIKO innovates from scratch in the pump-manufacturing industry, our "canvas" ; with water, oil and air serving as our "artist's utensils." We aim to contribute to the world's development through our innovative technologies as a fluid handling equipment manfacturer, and to continue growing as a humane company with progressive vision.

TAIKO was established in Tabuse town, Yamaguchi Prefecture, Japan, in April 1956 as the first factory to have taken up proposals to invest in the town to vitalize the local economy.

Since then, we have devoted our efforts to developing new, and improving existing technologies to meet the diversified needs of the industry and our customers.

Our expertise and unique technological know-how in the pump manufacturing field is the fruit of such endeavors.

We are developing projects focusing on the following themes: 'from oil to water, water to air, air to vacuum.'

Currently, we are producing a screw dry vacuum pump which is able to treat sealed liquid waste through a process of inverse diffusion in order to solve environmental problems.

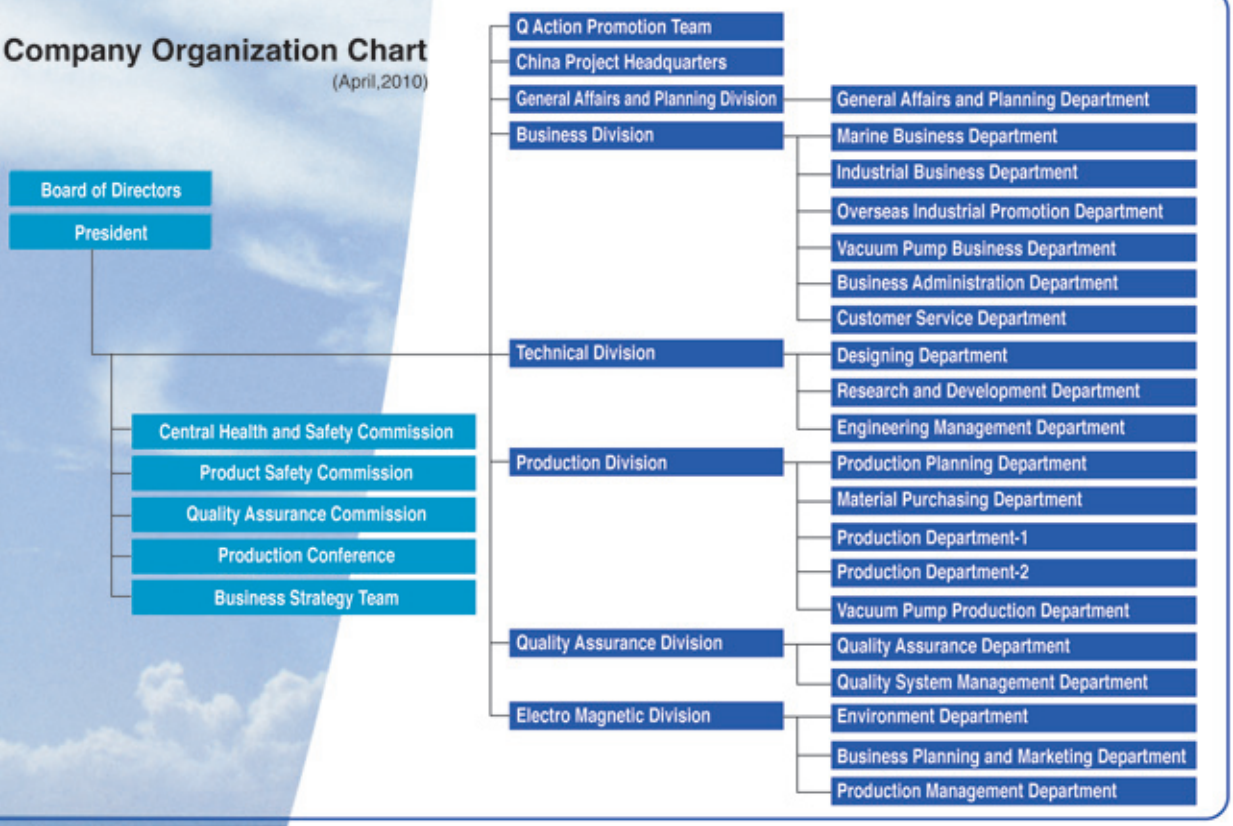
This vacuum pump works to preserve the environment in a number of ways. It uses a process to produce thin film solar batteries which creates clean energy; it is used in PCB (Polychlorinated biphenyl) waste treatment facilities; and, it is used as a withdrawal device for VOC (Volatile organic compound) gas.

We have many more productions which also help to preserve the environment. These include the following: aeration blower for water treatment, oxidation blower for flue gas desulfurization, one screw pump for transferring slurry and sludge, Sewage Treatment Device and 15ppm Bilge Separator to prevent marine pollution.

Preserving the environment is our company's mission. We encourage our workers also to improve their own individual sense of environmental issues and to develop new products that include protecting the environment.

Company Organization Chart

(April,2010)



Quality Policy

In order to obtain customer satisfaction, we continuously improve the quality management system and assure its effectiveness to provide high quality products and services that meet customer needs.

Certifications

[General]

ISO 9001 Certification from Nippon Kaiji Kyokai (Class NK)

1999 ISO 9001: 1994
JISZ 9901: 1998 Certified (Vacuum Pumps)

2000 ISO 9001 Certified in design, development, production and related services of Pumps, Blowers, Vacuum Pumps, Oily Water Separator, Sewage Treatment Device and Sludge Agitators.

2003 ISO 9001: 2000
JISQ 9001: 2000 transferred

- JG (Ministry of Land, Infrastructure, Transport and Tourism)
  1974: Received type approval of pump production business.
- NK (Nippon Kaiji Kyokai 'Class NK')
  1997: Received type approval of marine pump production business.
- NK(Nippon Kaiji Kyokai 'Class NK')
  1997: Received type approval of mass production machines by NK.
- ABS (American Bureau of Shipping)
  2003: Received type approval of pump and factory.
- CCS (China Classification Society)
  2005: Received type approval of pump
  2007: Received type approval of factory.
- BV (Bureau Veritas)
  2006: Received type approval of factory (Model).
- DNV (Norwegian Classification Society)
  2006: Received type approval of factory.
- KR (Korea Classification Society)
  2007: Received type approval of factory.
- LR (Lloyd Classificaton Society)
  2008: Received type approval of factory.
- GL (Germanisher Lloyd)
  2010: Received type approval of factory.

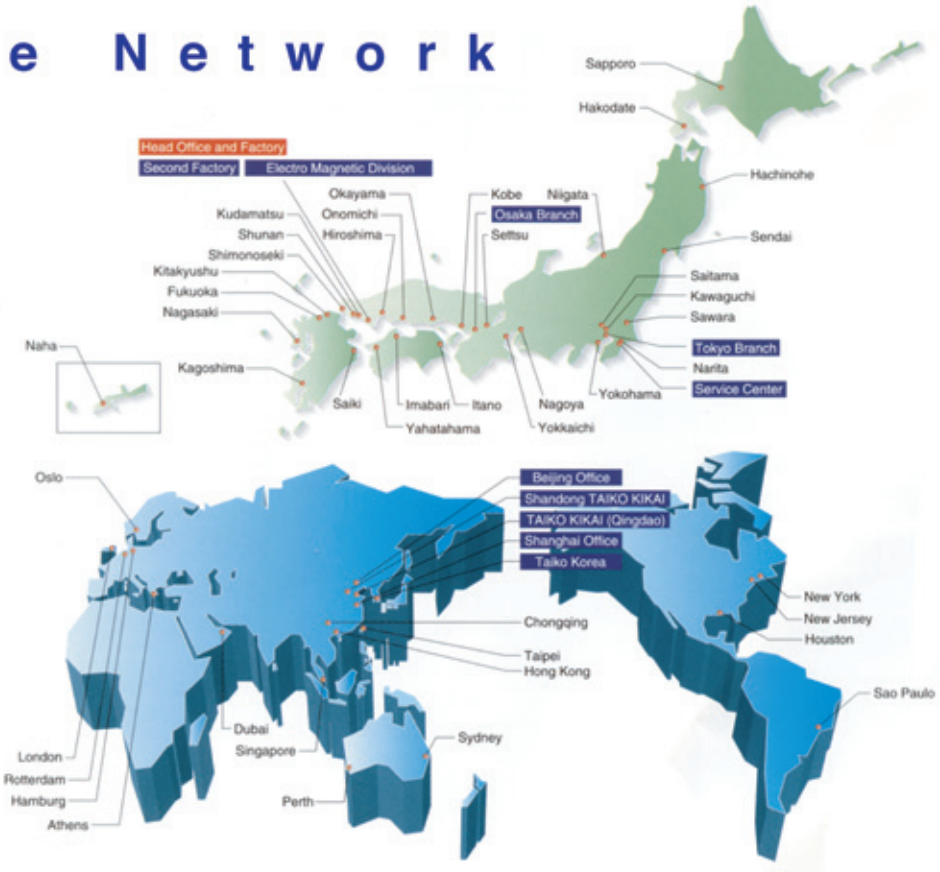
[15ppm BILGE SEPARATOR - SEWAGE TREATMENT DEVICE]

- JG (Ministry of Land, Infrastructure, Transport and Tourism)
  2004: Received type approval of 15ppm Bilge Separator (USH-01~50).
  2004: Received type approval of Sewage Treatment Device (SBT).
  2010: Received type approval of Sewage Treatment Device (SBH).
- MED (Marine Equipment Directive)
  2005: Received type approval of 15ppm Bilge Separator (USH-01~50).
  2009: Received type approval of Sewage Treatment Device (SBH-15~65).
- USCG (United States Coast Guard)
  2005: Received type approval of 15ppm Bilge Separator (USH-01~50).
- CSS (CHINA CLASSIFICATION SOCIETY)
  2005: Received type approval of 15ppm Bilge Separator (USH-01~50).
  1989: Received type approval of Sewage Treatment Device (SBT-15~65).
  2010: Received type approval of Sewage Treatment Device (SBH-15~65).

[Vacuum Pump]

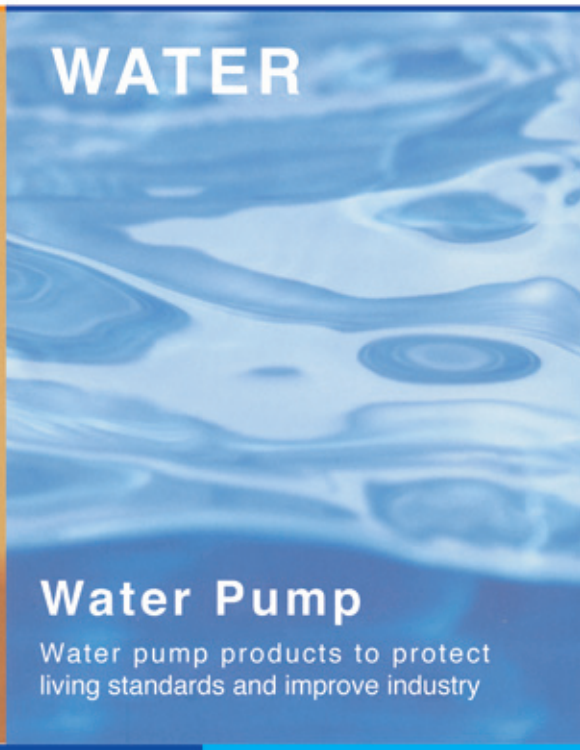
- South Korea S-Mark (South Korea KOSHA)
  2005: Received S-Mark (Vacuum Pump: TRIC-3600)
  2006: Received S-Mark (Vacuum Pump: TRIC-1800)

Service Network



Products

From Oil to Water,



Gear Pump	Screw Pump	Control System	Centrifugal Pump		Sewage Treatment Device
NHG	HNP	CARGO CONTROL SYSTEM	MTDP	TMC	SBH
NHGH	HNP-CS	TEMPERATURE MONITORING SYSTEM	MSP	TMS	SCT
HHC	HNC		C1T	EHC	
HG	HNFA		DVC	EHS	
VG	HNY		FECS	EMC	
VHB	CSL			EMD	
SL	CSE			ESC	
CGL	MSD			ESD	
BHG	MSB			2BF	
WL	MSE-X			2MF	
SP	MST			CVC	
SJ	MSTE			VS	
LGB	MSV-W			EMS	
F	MSF				
OL	MG				

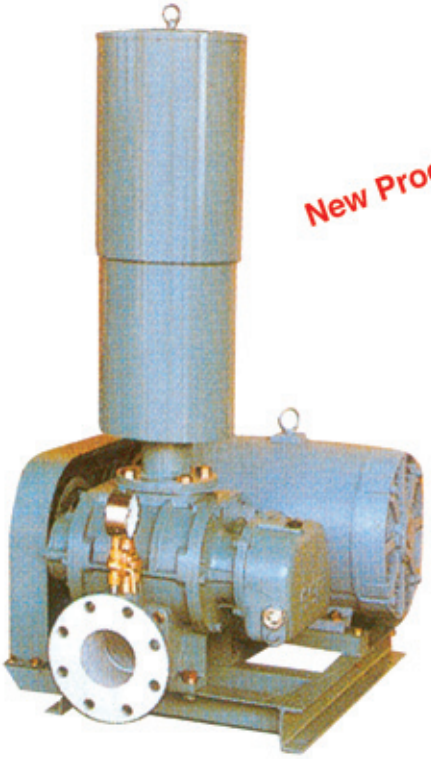
Water to Air, Air to Vacuum

Air Pump

Air pump products to promote
better living and advance industry

15ppm Bilge Separator	Environment Equipment	Diaphragm Blower	Rotary Blower	Dry Vacuum Pump
USH	Piston Pump	SLL	L	TRIC
	Sewage Treatment Facilities	EL	TL	BEH
	Pressure Tank	DF	R	BEH-T
			TR	TD
			TS	TDA
			SSR	MDS
				MDP
				SLT
				RMC
				SDV
				SDF

Description of Type SSR Blower

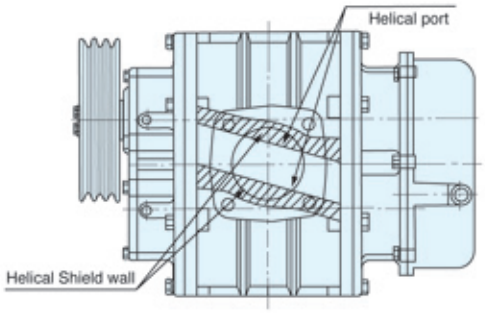


The three-lobe helical roots type rotary blower Type SSR is a new product which has been developed by adopting innovated techniques, based on the manufacturing experience in the roots type rotary blower for many years.

These blowers have improved full-adiabatic efficiency as well as volumetric efficiency and provide superior air capacity vs pressure characteristic.
The superiority of efficiency leads to reduction of the heat from the blower itself, and therefore reduction of the temperature elevation, and thus the operation of blower in dry condition has become practical at the discharge pressure as low as 0.6 kgf/cm^2

TAIKO ROOTS TYPE ROTARY BLOWERS FEATURES

1. The helical construction uses the stator helical method that the screen lines of casing at the suction and discharge sides are cut to a helical shape, and the triangle suction and discharge port formed by a straight line of the rotor top is to be opened and closed gradually.
   Therefore, the suction and discharge ports of this type is not opened or closed at moments, which makes these blowers have an only limited operation sound and almost free from pulsations from discharge.
2. The rotors are three-lobe straight type, so that the rotors cannot interfere with each other, resulting from minor displacements in the thrust direction as in the helical type. Therefore, the clearance between the rotors should be assured in the profile direction only and thus there is no necessity of an excessive clearance on account of displacements in the thrust direction as in case of the rotor helical type. From such reasons, these blowers have a very high efficiency, in comparison with the rotor helical type of same dimensions.
3. By adoption of an unique profile of rotor, the clearance between the rotors can be held to be constant, which makes the efficiency even higher.
4. The precision of rotors is fully controlled and variation of precision between blowers is almost nil because the rotors are produced under the mass production control by utilizing a precision NC machine.
   In addition, the rotors are dynamically balanced in the fabrication stage already, so that these rotors are almost free from vibrations as in the case of conventional rotors which are still unbalanced.
5. The advanced driving gears are adopted not only to extend the use life but also to make noise lower.
   The gears are made in special Cr-M steel by hardening treatment and are made accord with gear precision of JIS first-class. Therefore, the harmful disturbances to products from gears are avoided.
6. The transported air is clean and any oil-dust free oil lubrication is not needed in casing and the structure design prevent the bearing oil and gear oil from entering the casing.
7. With the establishment of quality management system and manufacture management system, the aims of parts exchanging, less production cost and rapid delivery are realized.
   The blowers of right quantity are kept in stock to make delivery in time.

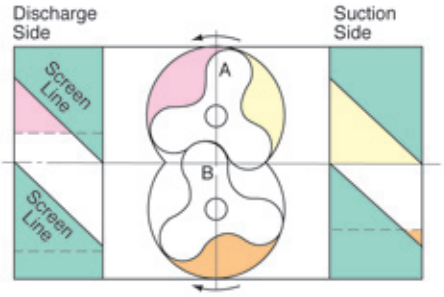


Functioning Principle

The conventional roots type rotary blowers, either two-lobe or three-lobe, have the same compression mechanism that the compression occurs upon reverse-flowing of high pressure air instantly when the rotor end is opened in line with the discharge opening. Such reverse flow and a rapid change in the compression as involved in the above compression is the cause of noise.

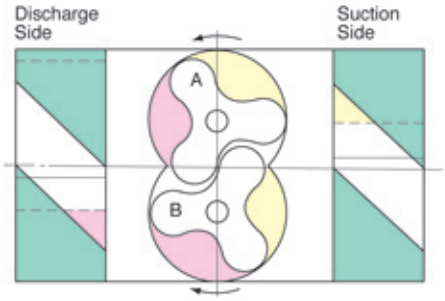
The helical construction of these blowers was designed to eliminate such noise, the features of which will be described as follows:

1



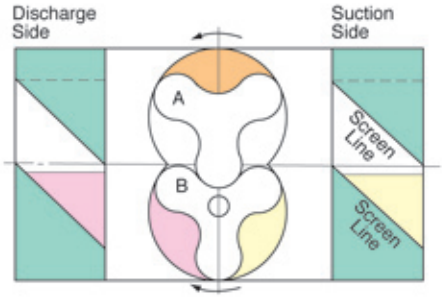
[1] Rotor A: The suction side is open over the full length thereof, and is about to close gradually while the discharge side is open half-way by opening gradually.
Rotor B: The suction side is almost fully closed by closing gradually while the discharge side is not yet opened but is about to open.

2



[2] Rotor A: The suction side is a little more closed than Case[1], where the shaded triangle port is going smaller gradually along with the screen line of casing while discharge has already been completed at the discharge side.
Rotor B: The suction side is immediately before going on to the screen line of casing while the discharge side is under the discharge process, where the triangle port is opening gradually.

3



[3] Rotor A: Both of the suction and discharge sides are closed, and immediately before opening at the discharge side.
Rotor B: The closing process has just been set out, and is now closing gradually while the discharge side is immediately before full opening by opening gradually.
☆ The shaded portions show openings of suction and discharge ports.

SSR HOW TO USE PERFORMANCE TABLES

The performance tables give the model number, bore, r.p.m., discharge pressure, air capacity and required power of the blower.

1. The air capacity in the tables is indicated in the standard suction state. The standard suction state herein mentioned is defined as the condition at 20 °C temperature, 1.0332kgf/cm²(101.3kPa) absolute pressure and 65% relative humidity.
2. The reference air capacity [0 °C temperature and 1.0332kgf/cm²(101.3kPa) absolute pressure] is generally indicated in Nm³/min.

   However, it may be converted into the standard air capacity by the following equation, if the suction pressure is equal. Qs=Qn x 1.0732
   where, Qs:standard air capacity and Qn:reference air capacity.
3. The discharge air capacity can be converted into the standard air capacity by the following equation.

$$Qs = Qd \times \frac{1.0332 + Pd}{1.0332} \times \frac{273 + ts}{273 + td}$$

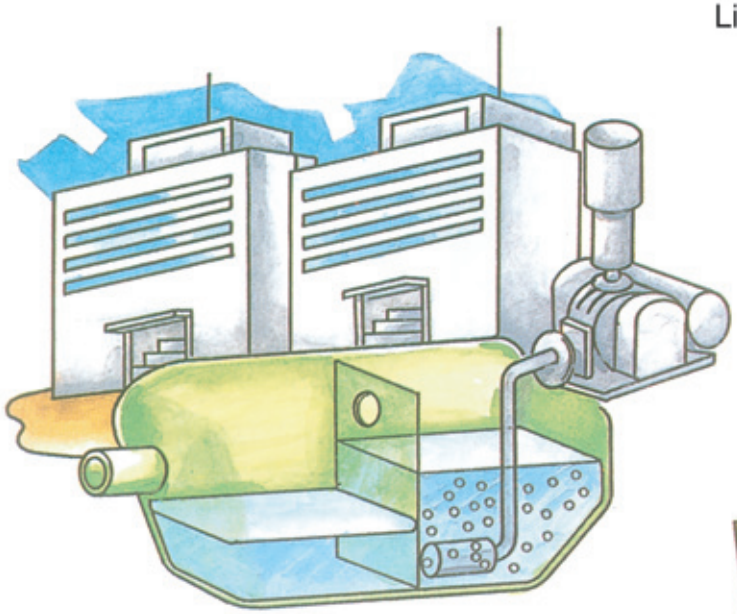
   where, Qd:discharge air capacity, in m³/min;
   Pd:discharge pressure, in kgf/ cm²;
   ts:suction temperature, in °C;
   td:discharge temperature, °C.
4. According to the air capacity and discharge pressure as calculated above, the model number, bore, r.p.m. and required power can be found in the performance table.
5. The motor powers are indicated by color marking, and the motor powers to be used should be that indicated.
6. The choice is overlapped depending upon the type of blower. For reference, however, selection should be lower number blowers for the economy and higher number blowers for the sound level.

SI Units Conversion Table (SI Units in Heavy Lines)

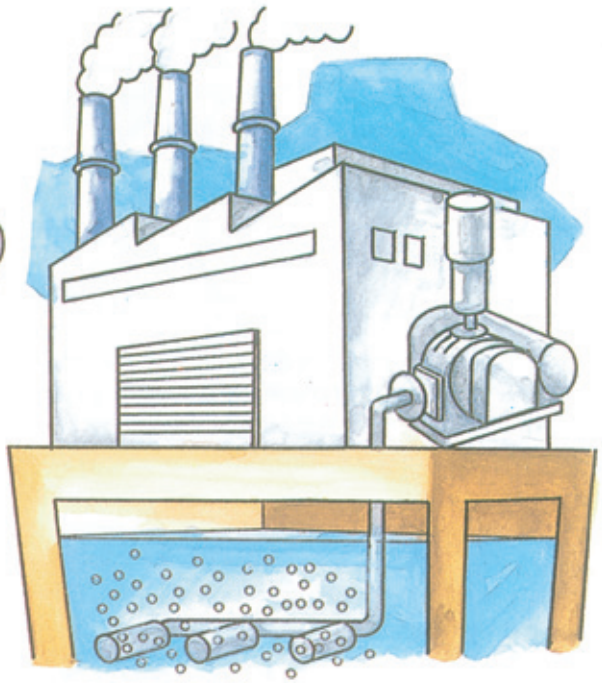
	Pa	bar	kgf/ cm²	atm	mmH_2O	mmHg(Torr)
Pressure	1	$1x10^{-5}$	$1.019\ 72x10^{-5}$	$9.869\ 23\ x10^{-6}$	$1.019\ 72\ x10^{-1}$	$7.500\ 62x10^{-3}$
	$1x10^{5}$	1	1.019 72	$9.869\ 23\ x10^{-1}$	$1.019\ 72\ x10^{4}$	$7.500\ 62x10^{2}$
	$9.806\ 65x10^{4}$	$9.806\ 65x10^{-1}$	1	$9.678\ 41\ x10^{-1}$	$1x10^{4}$	$7.355\ 59\ x10^{2}$
	$1.013\ 25\ x10^{5}$	1.013 25	1.033 23	1	$1.033\ 23\ x10^{4}$	$7.600\ 00\ x10^{2}$
	9.806 65	$9.806\ 65x10^{-5}$	$1x10^{-4}$	$9.678\ 41\ x10^{-5}$	1	$7.355\ 59\ x10^{-2}$
	$1.333\ 22x10^{2}$	$1.333\ 22x10^{-3}$	$1.359\ 51\ x10^{-3}$	$1.315\ 79\ x10^{-3}$	1.359 51x10	1

APPLICATION EXAMPLES

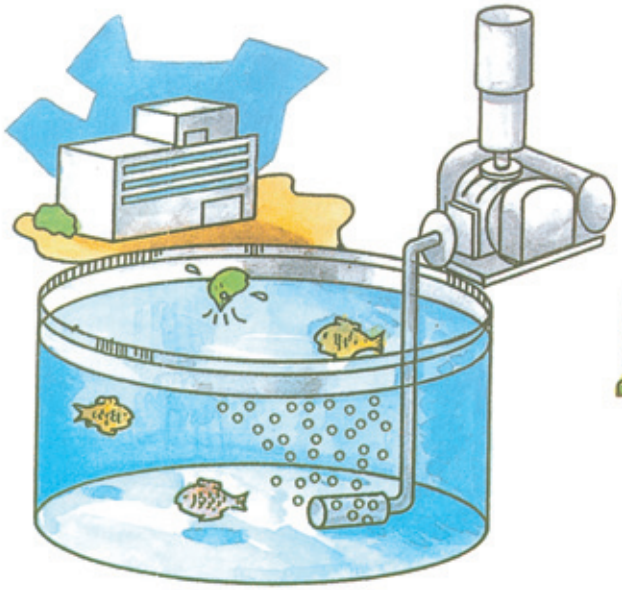
● Waste Water Aeration in Condominiums



● Waste Water Aeration For Shops and Livestock Industries

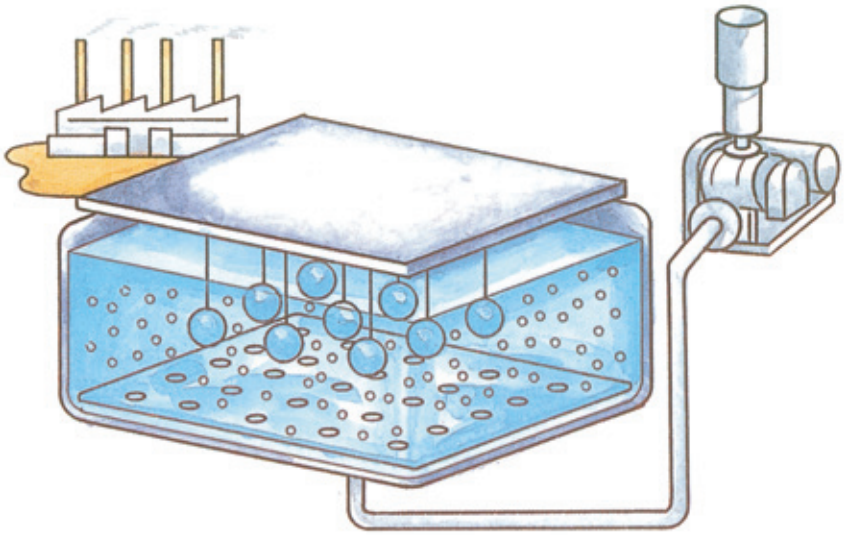


● Fish Care

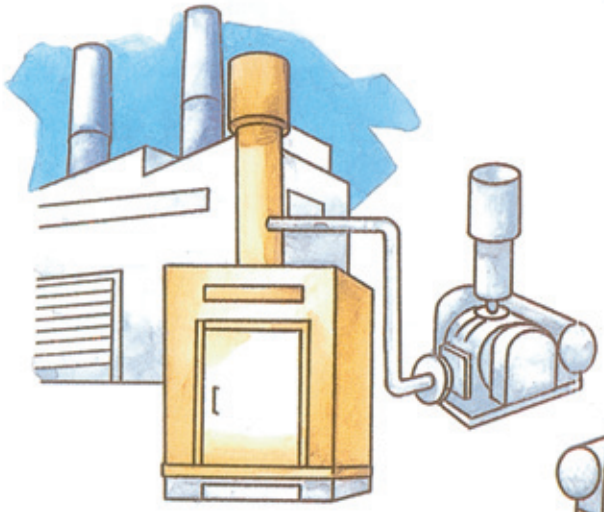


● Foaming in Bath

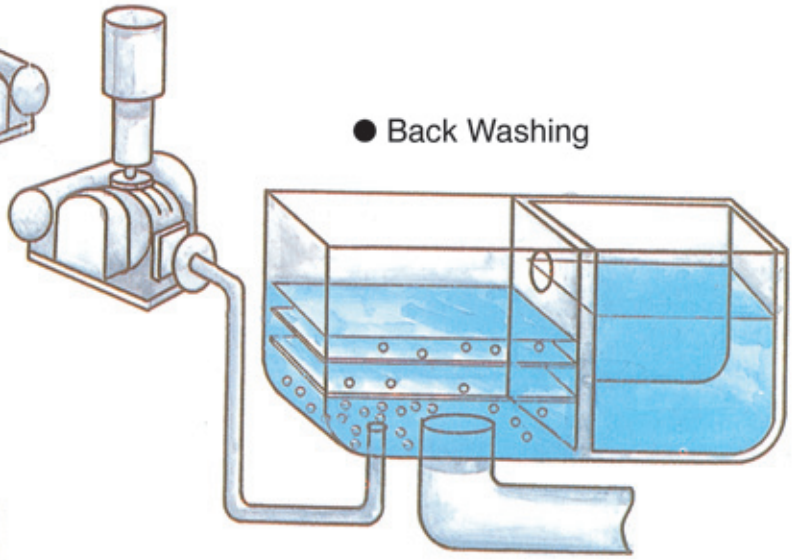
● Stirring in Plated Vessel



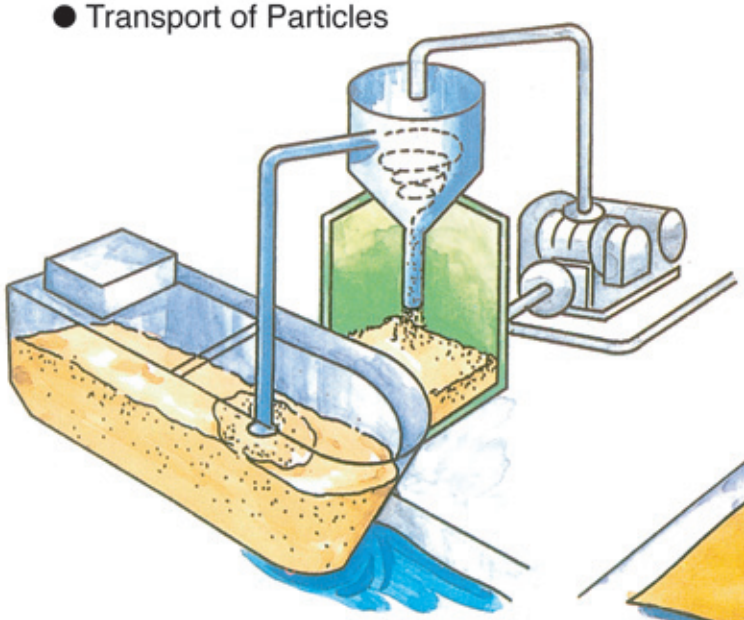
● Combustion a Fireplace



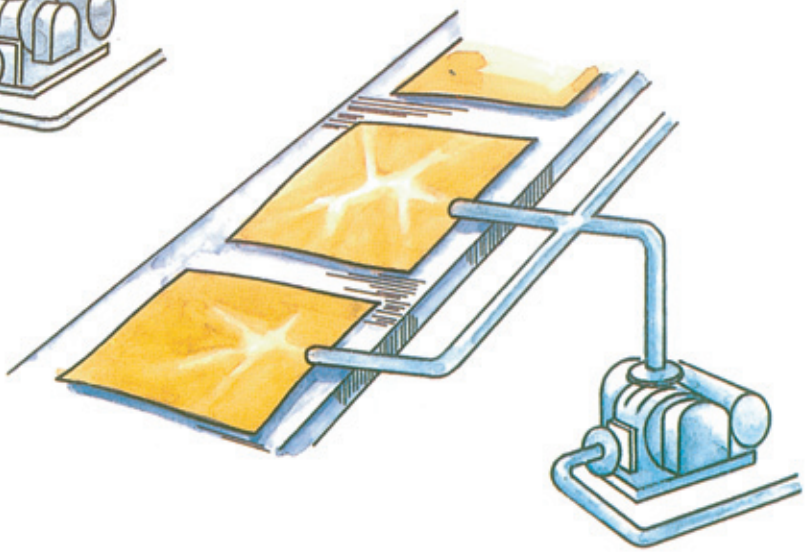
● Back Washing



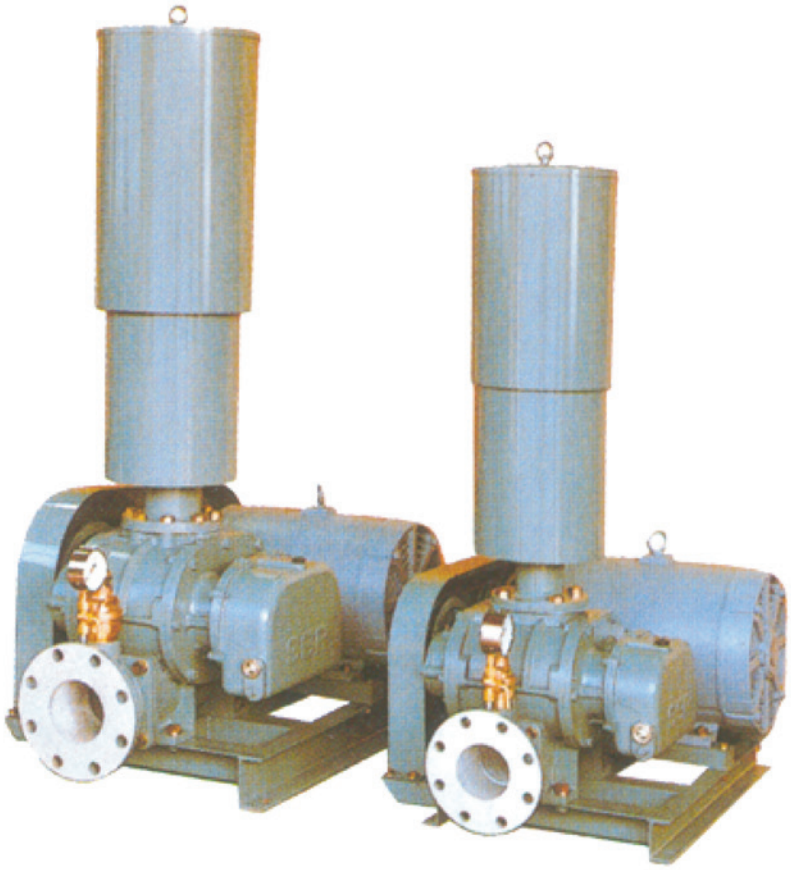
● Transport of Particles



● Vacuum Pack for Foods



SSR TYPE SSR SPECIFICATIONS



● Major Specifications of Type SSR

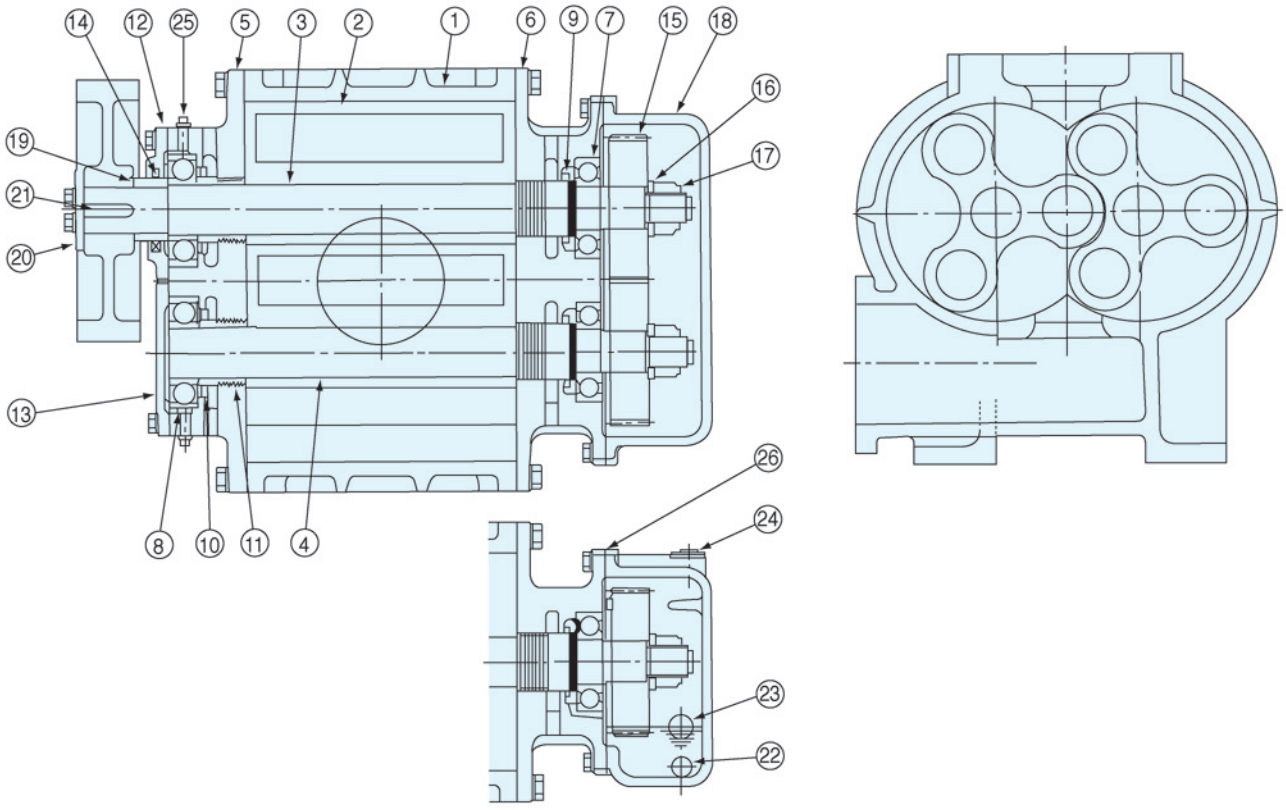
Bore :	50 to 200A
Air Capacity :	0.8 to 56m³/min
Pressure :	0.1-0.6kgf/cm²
Motor Power :	0.75-90kW

● Standard Accessories

- Common Base
- V-Belt Cover
- Blower Pulley, Motor Pulley,
- V-Belt
- Suction Silencer (With Air Filter)
- Safety Valve
- Pressure Gauge
- Lubrication Oil
- Anchor Bolt

1) The performance tables and standardized specifications are made available for all types to allow easy selection of one in need.
2) The blowers including accessories are standardized and are under the mass production control so as to be able to correspond to the orders and needs at any time.
3) The operation noise is lowered to the level not ever achieved by adopting, in addition to the helical construction, a silent air cleaner as appropriate to each type of the blowers.
4) The rotor is a precision product machined in its full surface, and since it is dynamically balanced in the shop completely, it will have almost no vibration.
5) The blowers require only a small area for installation due to a compact design.

SSR TYPE SSR STRUCTURAL DRAWING



No	Name	Material	Q' ty	No	Name	Material	Q' ty	No	Name	Material	Q' ty
1	Casing	FC200	1	10	Stop Ring (Drive Side)	NBR	2	19	Collar	S45C	1
2	Impeller	FC200	2	11	Bearing Sleeve	S45C	2	20	End Plate	SS400	1
3	Drive Shaft	S45C	1	12	Bearing Cover (Drive Side)	FC200	1	21	Parallel Key	S45C	1
4	Driven Shaft	S45C	1	13	Bearing Cover (Driven Side)	FC200	1	22	Drain Plug	FCMB	1
5	Side Cover (Drive Side)	FC200	1	14	Z Seal	NBR	1	23	Oil Gauge	SS+Glass	1
6	Side Cover (Gear Side)	FC200	1	15	Gear	SCM435	2	24	Air Breather	Plastics	1
7	Bearing (Driven Side)	SUJ2	2	16	Gear Lock Washer	SS400	2	25	Grease Nipple	C3604	2
8	Bearing (Drive Side)	SUJ2	2	17	Gear Lock Nut	SS400	2	26	Gear Case Packing	Three Sheet	1
9	Stop Ring (Gear Side)	NBR	2	18	Gear Case	FC200	1				

SSR TYPE SSR-T PERFORMANCE TABLE

SSR-T

Qs : Suction-Phase Air Volume (L/min)
La : Required Electric Power (kW)

Model No.	Bore	Speed min^{-1}	Discharge Pressure															
			9.8		14.7		19.6		24.5		29.4		34.3		39.2		44.1		49.0	
			0.10kgf/m^2		0.15kgf/m^2		0.20kgf/m^2		0.25kgf/m^2		0.30kgf/m^2		0.35kgf/m^2		0.40kgf/m^2		0.45kgf/m^2		0.50kgf/m^2	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 20T	3/4B (20A)	1750	160	0.20	150	0.22	140	0.24	130	0.26	120	0.28	110	0.30	100	0.32				
		2000	200	0.23	190	0.25	180	0.27	170	0.29	160	0.31	150	0.33	140	0.35	130	0.37		
		2250	240	0.26	230	0.29	220	0.31	210	0.33	200	0.35	190	0.38	180	0.40	170	0.43	160	0.46
		2500	270	0.29	260	0.32	250	034	240	0.37	230	0.39	220	0.42	210	0.44	200	0.47	190	0.50
SSR 25T	1B (25A)	1750	210	0.23	195	0.25	180	0.27	165	0.30	150	0.32	135	0.35						
		2000	270	0.26	255	0.29	240	031	225	0.34	210	0.37	195	0.40	180	0.43	160	0.46		
		2250	310	0.30	295	0.33	280	0.35	265	0.39	250	0.42	235	0.46	220	0.49	200	0.53		
		2500	360	0.33	345	0.36	330	0.39	315	0.43	300	0.46	285	0.50	270	0.54	250	0.58	230	0.62
SSR 32T	1 1/4B (32A)	1750	360	0.27	340	0.31	320	0.34	300	0.38	280	0.42	260	0.46	240	0.50				
		2000	440	0.31	420	0.35	400	0.39	380	0.44	360	0.48	340	0.53	320	0.57				
		2250	520	0.35	500	0.40	480	0.44	460	0.49	440	0.54	420	0.59	400	0.64	370	0.70		
		2500	600	0.39	580	0.44	560	0.49	540	0.55	520	0.60	500	0.66	480	0.71	450	0.78	420	0.86

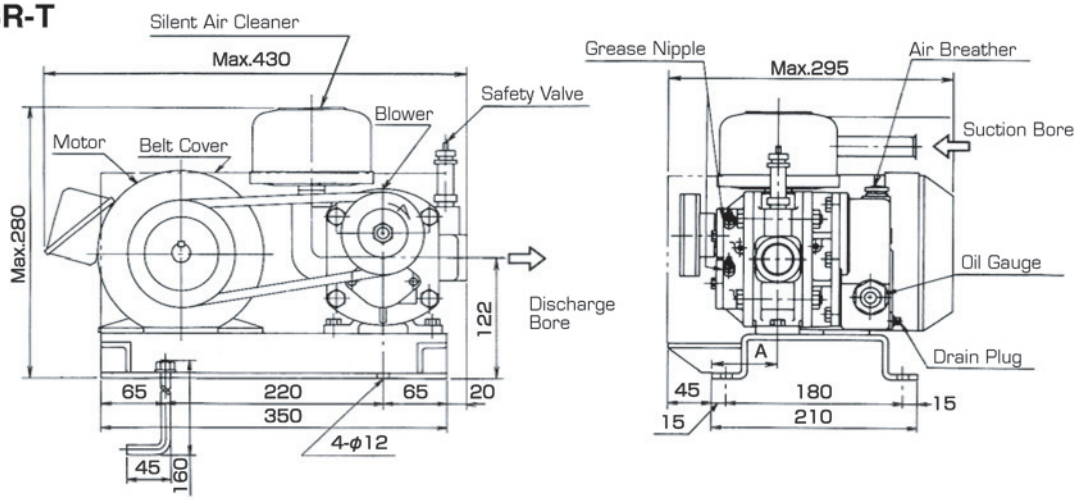
SSR-T

Qs : Suction-Phase Air Volume (m^3/min)
La : Required Electric Power (kW)

Model No.	Bore	Speed min^{-1}	Discharge Pressure															
			9.8		14.7		19.6		24.5		29.4		34.3		39.2		44.1		49.0	
			0.10kgf/m^2		0.15kgf/m^2		0.20kgf/m^2		0.25kgf/m^2		0.30kgf/m^2		0.35kgf/m^2		0.40kgf/m^2		0.45kgf/m^2		0.50kgf/m^2	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 40T	1 1/2B (40A)	1000	0.45	0.32	0.42	0.36	0.39	0.40	0.36	0.46	0.33	0.52								
		1250	0.65	0.40	0.62	0.45	0.59	0.50	0.56	0.58	0.53	0.65	0.51	0.73	0.48	0.80	0.46	0.90	0.43	0.99
		1500	0.84	0.48	0.81	0.54	0.78	0.60	0.75	0.69	0.72	0.78	0.70	0.87	0.67	0.96	0.65	1.07	0.62	1.18
		1750	1.04	0.56	1.01	0.63	0.98	0.70	0.95	0.81	0.92	0.91	0.90	1.01	0.87	1.11	0.85	1.25	0.82	1.38
SSR 50T	2B (50A)	1000	0.82	0.64	0.78	0.72	0.73	0.80	0.69	0.92	0.65	1.04	0.61	1.16	0.57	1.28				
		1250	1.22	0.80	1.18	0.90	1.13	1.00	1.09	1.15	1.05	1.30	1.01	1.45	0.97	1.60	0.93	1.79	0.89	1.97
		1500	1.61	0.96	1.57	1.08	1.52	1.20	1.48	1.38	1.44	1.56	1.40	1.74	1.36	1.92	1.32	2.14	1.28	2.36
		1750	2.01	1.12	1.97	1.26	1.92	1.40	1.88	1.61	1.84	1.82	1.80	2.02	1.76	2.22	1.72	2.49	1.68	2.76
SSR 65T	2 1/2B (65A)	1000	1.19	0.80	1.07	0.90	0.94	1.00	0.85	1.15	0.75	1.30	0.67	1.45	0.59	1.60				
		1250	1.69	1.00	1.57	1.13	1.45	1.25	1.36	1.44	0.26	1.63	1.18	1.82	1.10	2.00	1.05	2.23	0.99	2.45
		1500	2.18	1.20	2.06	1.35	1.93	1.50	1.84	1.73	1.74	1.95	1.66	2.18	1.58	2.40	1.53	2.68	1.47	2.95
		1750	2.68	1.40	2.56	1.58	2.43	1.75	2.34	2.02	2.24	2.28	2.16	2.53	2.08	2.78	2.03	3.12	1.97	3.45

SSR TYPE SSR-T OUTLINE DIMENSIONS

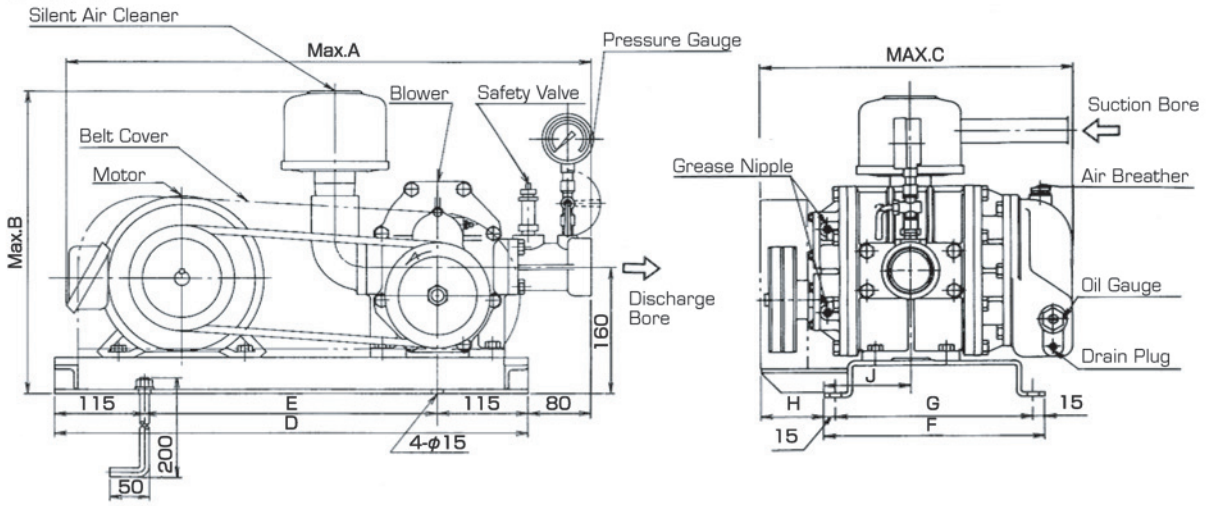
SSR-T



Model No.	Bore	A	Mass (kg)
SSR20T	Rc 3/4	60	19
SSR25T	Rc 1	67	20
SSR32T	Rc 1 1/4	82	22

Note : The mass given do not include the motor.
(Unit) : mm

SSR-T



Model No.	Bore	A	B	C	D	E	F	G	H	J	Mass (kg)
SSR40T	Rc 1 3/4	670	360	350	550	320	250	220	60	85	42
SSR50T	Rc 2	700	380	405	600	370	280	250	80	110	61
SSR65T	Rc 2 1/2	700	380	440	600	370	280	250	80	130	64

Note : The mass given do not include the motor.
(Unit) : mm

SSR TYPE SSR PERFORMANCE TABLE

Qs: Suction-Phase Air Volume (m^3/min)

La: Required Electric Power (kW)

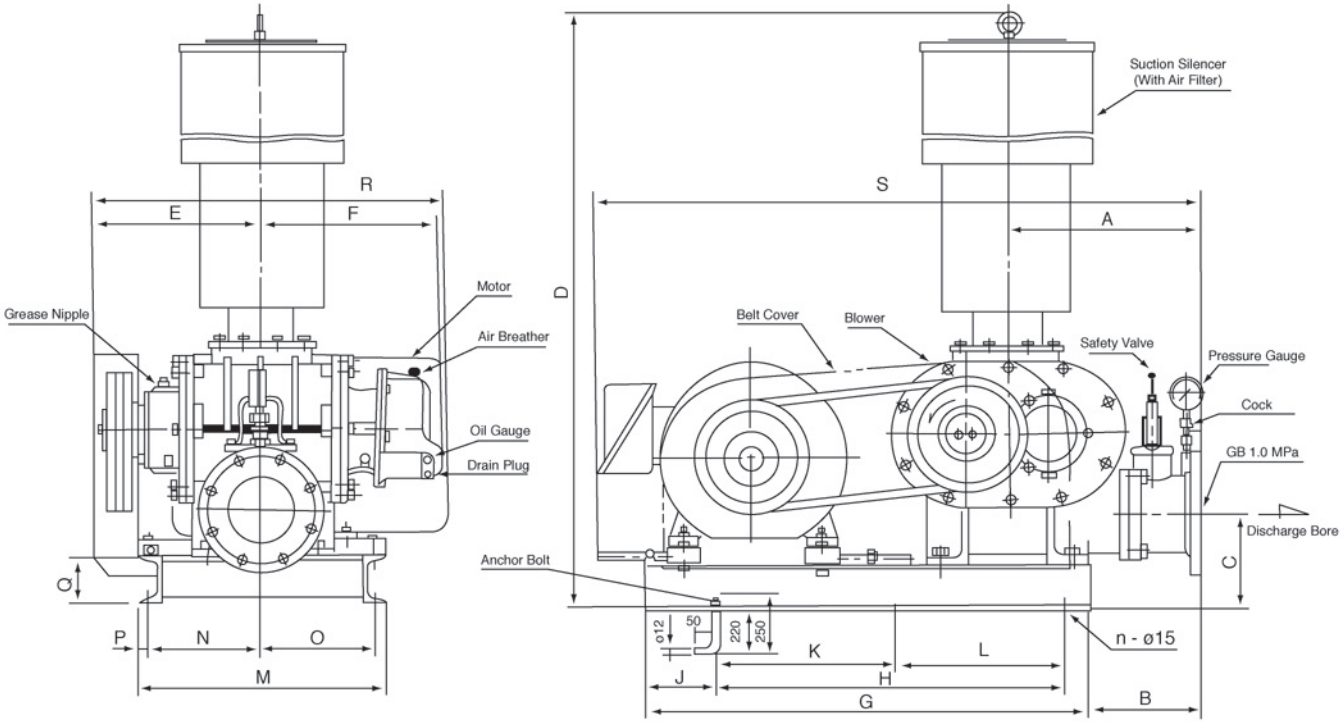
0.75kW 1.5kW 2.2kW 3.7kW 5.5kW 7.5kW 11kW 15kW
18.5kW 22kW 30kW 37kW 45kW 55kW 75kW 90kW

Type	Bore	rpm	Discharge Pressure (kgf/cm^2)																			
			0.10		0.15		0.20		0.25		0.30		0.35		0.40		0.45		0.50		0.55		0.60	
			9.8kPa		14.7kPa		19.6kPa		24.5kPa		29.4kPa		34.3kPa		39.2kPa		44.1kPa		49.0kPa		53.9kPa		58.8kPa	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 50	50A	1100	1.22	0.30	1.16	0.44	1.12	0.52	1.05	0.66	0.99	0.78	0.93	0.92	0.90	1.04	0.85	1.18	0.78	1.32				
		1230	1.38	0.38	1.31	0.52	1.27	0.64	1.20	0.78	1.14	0.92	1.08	1.06	1.05	1.20	1.00	1.35	0.94	1.49	0.90	1.64		
		1350	1.53	0.44	1.46	0.60	1.41	0.74	1.34	0.88	1.28	1.04	1.23	1.19	1.19	1.34	1.14	1.50	1.09	1.65	1.05	1.82		
		1450	1.66	0.50	1.58	0.67	1.54	0.82	1.46	0.98	1.40	1.14	1.34	1.30	1.30	1.47	1.25	1.62	1.20	1.79	1.16	1.96	1.14	2.15
		1530	1.75	0.56	1.69	0.74	1.63	0.90	1.55	1.06	1.49	1.24	1.43	1.40	1.39	1.58	1.35	1.75	1.30	1.92	1.26	2.10	1.24	2.29
		1640	1.89	0.64	1.81	0.84	1.76	1.01	1.68	1.18	1.62	1.37	1.56	1.55	1.52	1.74	1.47	1.91	1.43	2.10	1.40	2.29	1.38	2.49
		1730	2.00	0.71	1.92	0.92	1.87	1.10	1.79	1.28	1.73	1.48	1.66	1.67	1.62	1.86	1.57	2.05	1.53	2.25	1.50	2.45	1.48	2.66
		1840	2.13	0.80	2.05	1.01	2.00	1.20	1.92	1.40	1.86	1.62	1.79	1.81	1.75	2.02	1.70	2.22	1.67	2.43	1.64	2.64	1.62	2.86
		1950	2.27	0.89	2.19	1.11	2.13	1.32	2.05	1.52	1.99	1.75	1.92	1.95	1.88	2.18	1.83	2.39	1.81	2.61	1.77	2.83	1.75	3.06
		2120	2.47	1.02	2.39	1.23	2.33	1.49	2.25	1.71	2.19	1.96	2.12	2.18	2.08	2.42	2.03	2.65	2.01	2.89	1.98	3.13	1.96	3.37
SSR 65	65A	1110	1.67	0.38	1.57	0.60	1.48	0.80	1.40	0.99	1.32	1.16	1.25	1.35	1.18	1.52	1.12	1.72	1.07	1.82				
		1240	1.92	0.48	1.82	0.70	1.73	0.92	1.65	1.12	1.58	1.33	1.51	1.53	1.44	1.74	1.38	1.96	1.32	2.10	1.27	2.30		
		1360	2.16	0.56	2.06	0.81	1.97	1.04	1.89	1.24	1.82	1.48	1.75	1.71	1.68	1.94	1.62	2.18	1.56	2.35	1.51	2.58		
		1450	2.31	0.63	2.22	0.88	2.14	1.12	2.07	1.34	2.00	1.60	1.93	1.85	1.86	2.10	1.80	2.32	1.74	2.54	1.69	2.78	1.63	3.00
		1530	2.45	0.70	2.36	0.96	2.28	1.20	2.21	1.45	2.14	1.72	2.08	1.98	2.02	2.25	1.96	2.50	1.90	2.72	1.84	2.96	1.78	3.20
		1640	2.66	0.80	2.57	1.08	2.49	1.33	2.42	1.60	2.36	1.89	2.30	2.17	2.24	2.46	2.18	2.73	2.12	2.95	2.06	3.22	2.01	3.46
		1740	2.86	0.89	2.77	1.18	2.69	1.46	2.62	1.74	2.56	2.04	2.50	2.34	2.44	2.64	2.38	2.94	2.32	3.16	2.26	3.45	2.21	3.70
		1820	3.02	0.96	2.93	1.27	2.85	1.56	2.78	1.86	2.72	2.16	2.66	2.46	2.60	2.79	2.54	3.10	2.48	3.33	2.42	3.63	2.37	3.90
		1940	3.26	1.07	3.17	1.40	3.09	1.71	3.02	2.03	2.96	2.35	2.90	2.69	2.83	3.02	2.77	3.35	2.71	3.59	2.66	3.90	2.61	4.20
		2130	3.64	1.24	3.55	1.60	3.47	1.95	3.40	2.30	3.33	2.65	3.27	3.00	3.21	3.35	3.15	3.72	3.09	4.00	3.04	4.34	2.99	4.66
SSR 80	80A	1140	3.09	1.04	3.00	1.32	2.90	1.60	2.84	1.98	2.78	2.14	2.71	2.43	2.63	2.69	2.54	3.00	2.48	3.22	2.40	3.47	2.36	3.76
		1230	3.37	1.14	3.28	1.46	3.18	1.76	3.10	2.06	3.06	2.35	2.99	2.65	2.91	2.94	2.82	3.27	2.76	3.53	2.68	3.81	2.63	4.11
		1300	3.59	1.22	3.50	1.57	3.41	1.89	3.33	2.21	3.27	2.51	3.20	2.83	3.12	3.14	3.03	3.49	2.97	3.77	2.90	4.09	2.84	4.41
		1360	3.77	1.29	3.68	1.66	3.59	1.99	3.52	2.33	3.46	2.64	3.38	2.98	3.30	3.31	3.22	3.67	3.16	3.98	3.09	4.30	3.02	4.65
		1460	4.08	1.40	3.99	1.81	3.90	2.17	3.82	2.54	3.76	2.87	3.69	3.23	3.62	3.60	3.53	3.98	3.46	4.32	3.40	4.69	3.34	5.06
		1560	4.38	1.52	4.30	1.97	4.21	2.32	4.14	2.74	4.07	3.10	4.00	3.49	3.93	3.88	3.84	4.29	3.77	4.66	3.71	5.07	3.65	5.48
		1650	4.66	1.62	4.57	2.11	4.48	2.50	4.41	2.92	4.36	3.31	4.28	3.71	4.14	4.14	4.12	4.56	4.05	4.98	3.98	5.40	5.40	5.85
		1730	4.90	1.71	4.82	2.23	4.73	2.64	4.67	3.08	4.60	3.50	4.53	3.92	4.36	4.36	4.38	4.80	4.30	5.26	4.24	5.74	5.74	6.18
		1820	5.18	1.81	5.10	2.37	5.00	2.80	4.94	3.27	4.88	3.70	4.81	4.15	4.62	4.62	4.65	5.08	4.58	5.57	4.52	6.06	6.06	6.56
		1900	5.43	1.91	5.35	2.50	5.27	2.95	5.19	3.44	5.12	3.88	5.06	4.35	4.86	4.86	4.89	5.33	4.82	5.84	4.77	6.36	6.36	6.88

0.75kW 1.5kW 2.2kW 3.7kW 5.5kW 7.5kW 11kW 15kW
18.5kW 22kW 30kW 37kW 45kW 55kW 75kW 90kW

Type	Bore	rpm	Discharge Pressure (kgf/cm²)																			
			0.10		0.15		0.20		0.25		0.30		0.35		0.40		0.45		0.50		0.55		0.60	
			9.8kPa		14.7kPa		19.6kPa		24.5kPa		29.4kPa		34.3kPa		39.2kPa		44.1kPa		49.0kPa		53.9kPa		58.8kPa	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 100	100A	1060	4.57	1.35	4.40	1.80	4.24	2.23	4.09	2.70	3.95	3.10	3.82	3.57	3.70	4.00	3.59	4.48	3.48	4.95	3.38	5.40	3.28	5.86
		1140	4.97	1.52	4.81	2.00	4.65	2.46	4.50	2.95	4.36	3.41	4.23	3.90	4.12	4.38	4.01	4.88	3.90	5.38	3.80	5.88	3.71	6.38
		1220	5.34	1.68	5.18	2.20	5.03	2.70	4.89	3.20	4.76	3.71	4.64	4.24	4.53	4.76	4.42	5.29	4.32	5.76	4.22	6.37	4.13	6.90
		1310	5.73	1.87	5.58	2.41	5.44	2.96	5.31	3.50	5.18	4.05	5.06	4.61	4.95	5.18	4.84	5.75	4.74	6.30	4.64	6.92	4.55	7.48
		1460	6.53	2.18	6.38	2.78	6.25	3.40	6.12	3.98	6.00	4.65	5.89	5.24	5.78	5.87	5.68	6.52	5.58	7.10	5.48	7.74	5.39	8.45
		1540	6.91	2.40	6.77	3.05	6.64	3.67	6.52	4.30	6.40	4.98	6.29	5.63	6.19	6.30	6.09	6.98	5.99	7.61	5.90	8.37	5.81	9.00
		1680	7.63	2.78	7.49	3.48	7.36	4.18	7.24	4.90	7.13	5.65	7.05	6.35	6.92	7.08	6.82	7.83	6.73	8.50	6.64	9.30	6.55	10.03
		1780	8.09	3.05	7.96	3.81	7.84	4.56	7.73	5.32	7.62	6.10	7.52	6.86	7.42	7.63	7.32	8.43	7.23	9.15	7.14	9.97	7.06	10.71
		1880	8.57	3.33	8.45	4.13	8.36	4.93	8.25	5.75	8.15	6.55	8.05	7.38	7.95	8.18	7.86	9.05	7.77	9.80	7.68	10.62	7.60	11.42
		1980	9.07	3.60	8.96	4.46	8.85	5.31	8.75	6.17	8.65	7.01	8.55	7.90	8.46	8.75	8.37	9.63	8.28	10.45	8.20	11.30	8.12	12.13
SSR 125	125A	980	6.50	1.65	6.30	2.23	6.15	2.80	6.05	3.45	5.95	4.10	5.82	4.70	5.75	5.40	5.64	6.10	5.55	6.70	5.47	7.20	5.37	8.05
		1050	6.95	1.90	6.78	2.54	6.63	3.15	6.51	3.85	6.42	4.53	6.30	5.20	6.22	5.95	6.11	6.65	6.03	7.30	5.95	7.90	5.85	8.75
		1200	8.00	2.50	7.80	3.20	7.65	3.92	7.55	4.70	7.45	5.50	7.34	6.28	7.25	7.10	7.15	7.90	7.00	8.65	6.98	9.40	6.90	10.25
		1310	8.75	2.90	8.55	3.65	8.40	4.50	8.29	5.35	8.19	6.20	8.09	7.05	8.00	7.90	7.90	8.80	7.82	9.65	7.74	10.05	7.64	11.40
		1390	9.30	3.20	9.10	4.00	8.95	4.90	8.84	5.80	8.74	6.70	8.63	7.60	8.54	8.50	8.45	9.45	8.37	10.35	8.28	11.25	8.20	12.20
		1450	9.72	3.45	9.50	4.25	9.35	5.20	9.25	6.15	9.15	7.10	9.05	8.05	8.95	9.00	8.85	9.90	8.77	10.90	8.70	11.80	8.60	12.80
		1530	10.27	3.80	10.07	4.70	9.90	5.65	9.80	6.65	9.70	7.65	9.60	8.60	9.50	9.60	9.40	10.60	9.33	11.60	9.25	12.60	9.15	13.60
		1630	10.96	4.30	10.75	5.20	10.57	6.25	10.47	7.25	10.37	8.35	10.27	9.35	10.17	10.35	10.08	11.35	10.01	12.40	9.93	13.50	9.85	14.60
		1750	11.78	4.90	11.55	5.80	11.38	6.95	11.29	7.95	11.18	9.18	11.09	10.20	10.99	11.26	10.91	12.33	10.83	13.38	10.75	14.70	10.66	15.80
		1850	12.48	5.40	12.25	6.36	12.05	7.55	11.97	8.57	11.85	9.88	11.70	10.94	11.66	12.02	11.58	13.12	11.50	14.20	11.42	15.60	11.34	16.85
SSR 150	150A	810	12.01	3.85	11.76	5.00	11.54	6.20	11.35	7.30	11.15	8.50	11.00	9.60	10.86	10.80	10.76	11.95	10.65	13.20	10.52	14.40	10.39	15.60
		860	12.80	4.40	12.62	5.60	12.40	6.86	12.20	8.05	12.03	9.30	11.86	10.45	11.75	11.70	11.65	13.00	11.54	14.25	11.40	15.50	11.27	16.80
		970	14.70	5.58	14.50	7.00	14.30	8.30	14.10	9.65	13.95	11.05	13.80	12.40	13.70	13.80	13.60	15.20	13.50	16.60	13.35	18.00	13.23	19.40
		1110	17.08	7.00	16.90	8.60	16.70	10.15	16.52	11.70	16.37	13.10	16.25	14.80	16.15	16.50	16.05	18.00	15.95	19.60	15.85	21.20	15.70	22.80
		1180	18.25	7.80	18.10	9.45	17.92	11.10	17.73	12.70	17.59	14.40	17.47	16.00	17.37	17.37	17.27	19.40	17.17	21.10	17.07	22.80	16.97	24.40
		1240	19.27	8.45	19.10	10.20	18.95	11.90	18.77	13.60	18.63	15.40	18.53	17.07	18.43	18.43	18.33	20.70	18.23	22.40	18.13	24.20	18.03	25.80
		1400	22.00	10.20	21.83	12.10	21.70	14.00	21.55	15.95	21.40	17.90	21.30	19.90	21.20	21.20	21.15	23.85	21.05	25.80	20.97	27.90	20.87	29.70
		1520	23.93	11.65	23.80	13.80	23.68	15.90	23.52	18.00	23.40	20.15	23.30	22.30	23.21	23.20	23.13	26.70	23.04	28.90	22.95	31.20	22.82	33.30
		1620	25.42	13.40	25.30	15.60	25.15	18.00	25.00	20.40	24.86	22.60	24.75	25.00	24.68	27.40	24.58	29.65	24.48	32.05	24.40	34.40	24.27	36.90
		1730	27.05	15.30	26.92	17.60	26.77	20.20	26.61	22.90	26.48	25.30	26.35	27.90	26.27	26.27	26.17	33.00	26.08	35.55	26.00	38.00	25.87	40.80
SSR 200	200A	810	31.77	8.05	31.19	11.28	30.52	14.65	29.98	17.60	29.55	20.68	29.21	23.83	28.89	26.94	28.57	29.99	28.22	33.16	27.91	36.05	27.63	39.05
		900	35.68	9.95	35.05	13.48	34.49	17.10	34.04	20.44	33.66	24.00	33.36	27.53	33.05	30.93	32.73	34.40	32.34	37.83	32.03	41.02	31.71	44.38
		980	39.15	11.58	38.53	15.50	38.08	19.38	37.66	22.93	37.34	27.18	37.05	30.78	36.77	34.55	36.41	38.23	36.03	42.02	35.68	45.52	35.34	49.38
		1070	43.03	13.46	42.50	17.81	42.04	21.24	41.68	25.82	41.44	30.13	41.17	34.43	40.97	38.68	40.56	42.65	40.15	46.82	39.77	50.71	39.42	54.95
		1150	46.50	15.18	46.04	19.95	45.55	23.71	45.31	28.13	45.07	32.71	44.85	37.26	44.60	42.02	44.21	46.62	43.78	50.98	43.42	55.09	43.06	59.74
		1230	49.60	17.09	49.16	21.94	48.74	26.43	48.45	31.28	48.22	36.26	48.00	41.25	47.78	46.08	47.49	50.78	47.08	55.53	46.76	59.83	46.44	64.80
		1310	52.67	19.65	52.22	24.34	51.86	29.20	51.57	34.28	51.38	39.66	51.18	44.88	50.99	50.18	50.69	55.09	50.40	59.96	50.10	64.53	49.83	69.72
		1390	55.77	21.31	54.31	26.64	54.96	31.88	54.72	37.46	54.49	42.92	54.35	48.52	54.16	54.22	53.91	59.28	53.68	64.48	53.49	69.16	53.24	74.60
		1480	59.20	23.80	58.83	28.96	58.46	34.37	58.24	40.42	58.02	46.58	57.89	52.36	57.76	58.19	57.57	63.62	57.37	68.98	57.22	74.22	57.08	80.18

SSR TYPE SSR OUTLINE DIMENSIONS



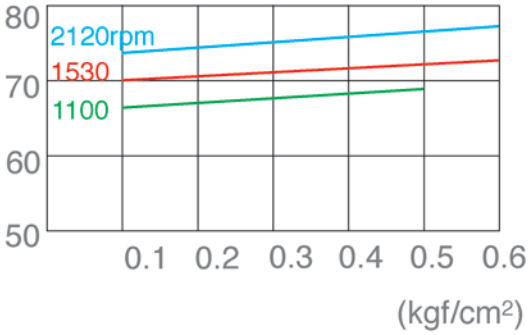
Unit mm

Mark / Type	Bore	A	B	C	D	E	F	G	H	J	K
SSR-50	50A	230	130	120	895	185	179	560	410	100	-
SSR-65	65A	230	130	130	970	205	202	600	450	100	-
SSR-80	80A	280	170	145	1130	220	225	650	500	100	-
SSR-100	100A	280	155	155	1255	260	265	730	580	100	-
SSR-125	125A	345	195	190	1515	295	294	860	700	110	350
SSR-150	150A	385	220	210	1730	375	377	960	750	160	400
SSR-200	200A	593	378	256	2210	525	550	1280	1000	180	500

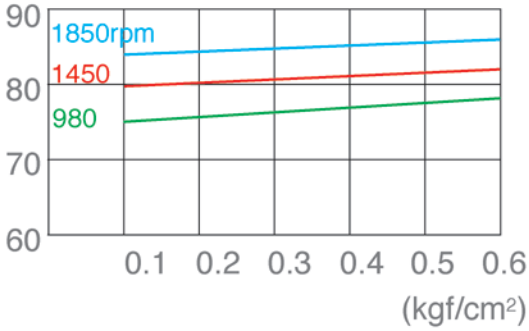
Mark / Type	Bore	L	M	N	O	P	Q	n	R	S	Weight (kg)
SSR-50	50A	-	300	115	155	15	80	4	450	730	70
SSR-65	65A	-	340	135	175	15	80	4	500	780	81
SSR-80	80A	-	360	130	200	15	80	4	530	860	123
SSR-100	100A	-	470	170	270	15	80	4	600	930	157
SSR-125	125A	350	470	185	255	15	100	6	710	1230	235
SSR-150	150A	350	590	255	295	20	100	6	860	1335	394
SSR-200	200A	500	755	360	345	25	126	6	1080	1765	860

SSR TYPE SSR NOISE LEVEL

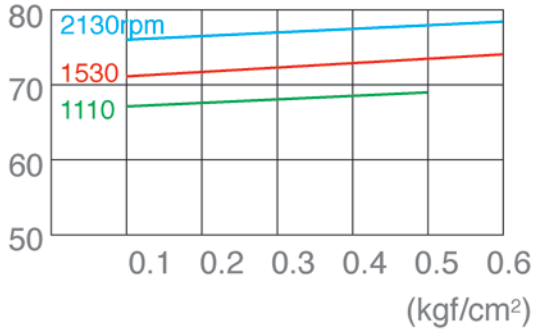
SSR-50



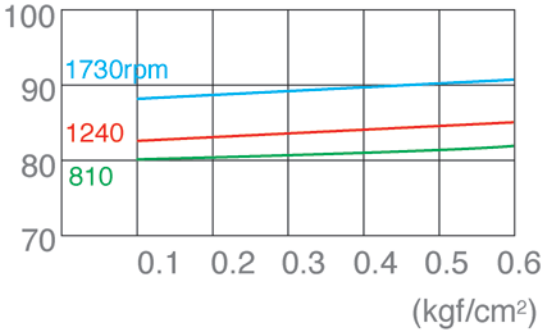
SSR-125



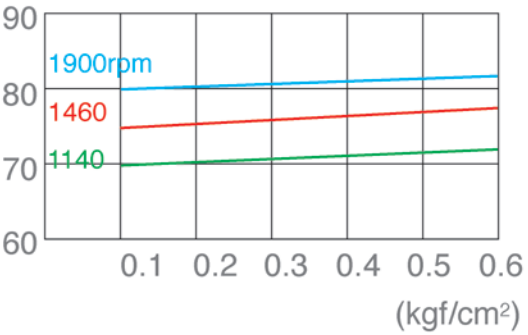
SSR-65



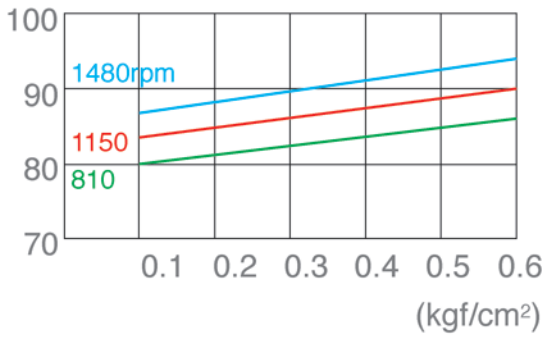
SSR-150



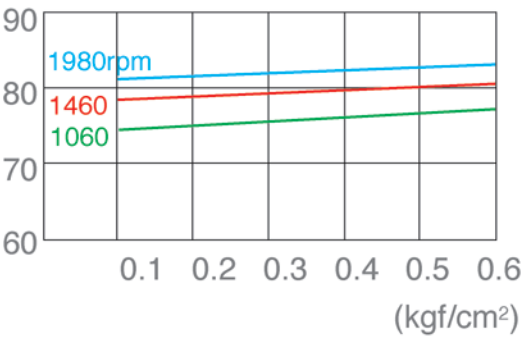
SSR-80



SSR-200



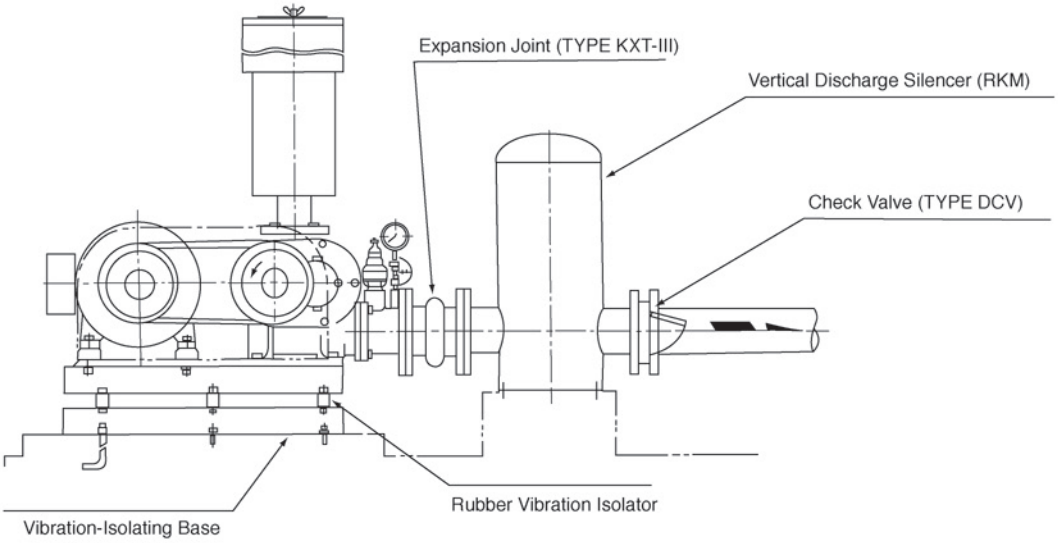
SSR-100

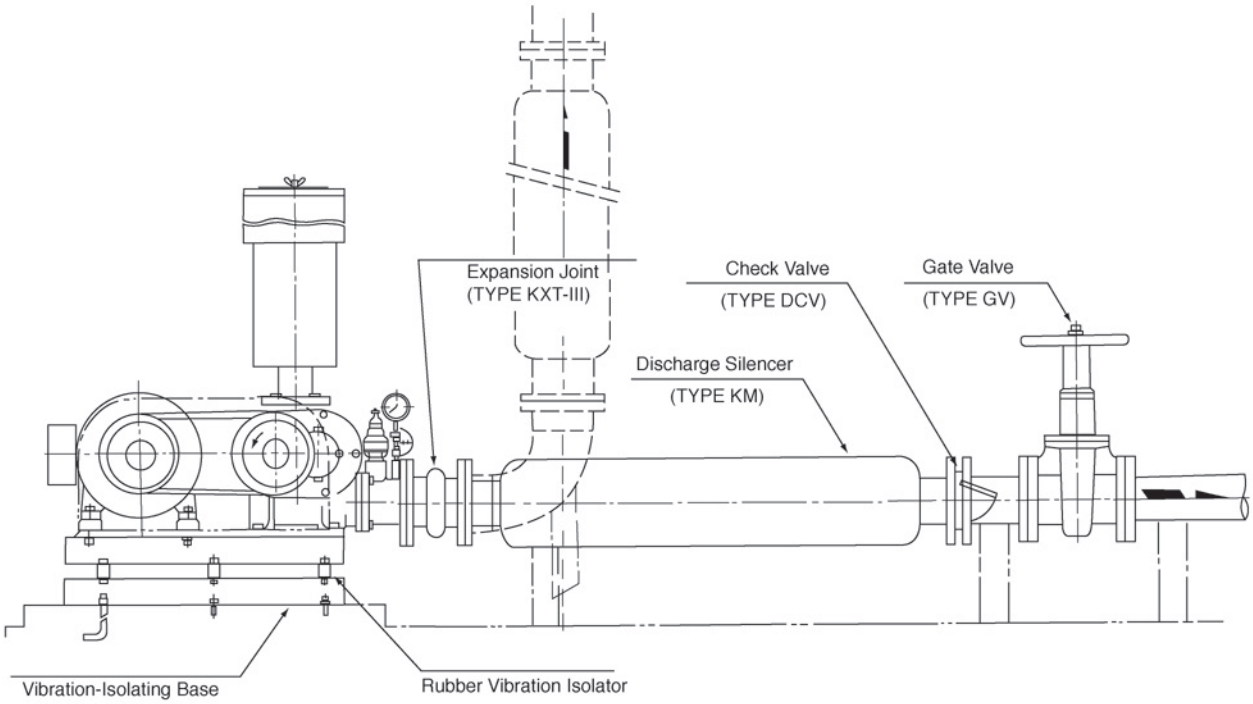


● NOISE LEVEL dB(A) Machine Side 1.0m

Note: The values are based on the measurements taken in our shop

SSR REFERENCE DRAWING OF PIPING FOR TYPE SSR





Note: Make sure that the piping of check valve type DCV is horizontal

SSR TYPE SSR-T ROTARY BLOWER

SSR-VT

Qs : Suction-Phase Air Volume (L/min)
La : Required Electric Power (kW)

Model No.	Bore	Speed min^{-1}	Suction Pressure													
			-9.8		-14.7		-19.6		-24.5		-29.4		-34.3		-39.2	
			-1000mmAq		-1500mmAq		-2000mmAq		-2500mmAq		-3000mmAq		-3500mmAq		-4000mmAq	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 20VT	Suc. 1/2B Dis. 3/4B	1750	150	0.20	128	0.22	107	0.24	85	0.26						
		2000	200	0.23	178	0.25	156	0.27	134	0.29	112	0.31				
		2250	230	0.26	208	0.29	186	0.31	164	0.33	142	0.35				
		2500	270	0.29	248	0.32	226	0.34	204	0.37	182	0.39	160	0.42		
SSR 25VT	Suc. 3/4B Dis. 1B	1750	235	0.23	207	0.25	182	0.27	159	0.30						
		2000	300	0.26	270	0.29	244	0.31	220	0.34	197	0.37				
		2250	335	0.30	306	0.33	279	0.35	254	0.39	231	0.42	211	0.46		
		2500	369	0.33	340	0.36	314	0.39	291	0.43	270	0.46	251	0.50		
SSR 32VT	Suc. 1B Dis. 1 1/4B	1750	375	0.27	322	0.31	278	0.34	242	0.38	213	0.42				
		2000	489	0.31	431	0.35	379	0.39	332	0.44	289	0.48				
		2250	568	0.35	508	0.40	454	0.44	405	0.49	361	0.54	322	0.59		
		2500	647	0.39	588	0.44	529	0.49	472	0.55	425	0.60	388	0.66		

SSR-VT

Qs : Suction-Phase Air Volume (m^3/min)
La : Required Electric Power (kW)

Model No.	Bore	Speed min^{-1}	Suction Pressure													
			-9.8		-14.7		-19.6		-24.5		-29.4		-34.3		-39.2	
			-1000mmAq		-1500mmAq		-2000mmAq		-2500mmAq		-3000mmAq		-3500mmAq		-4000mmAq	
			Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR 40VT	Suc. 1 1/4B Dis. 1 1/2B	1000	0.56	0.32	0.50	0.36	0.44	0.40	0.38	0.46	0.32	0.52				
		1250	0.73	0.40	0.67	0.45	0.61	0.50	0.55	0.58	0.49	0.65	0.43	0.73		
		1500	0.99	0.48	0.93	0.54	0.86	0.60	0.80	0.69	0.74	0.78	0.67	0.87		
		1750	1.11	0.56	1.06	0.63	1.01	0.70	0.96	0.81	0.91	0.91	0.87	1.01		
SSR 50VT	Suc. 1 1/2B Dis. 2B	1000	1.10	0.64	0.98	0.72	0.87	0.80	0.75	0.92	0.63	1.04				
		1250	1.44	0.80	1.32	0.90	1.20	1.00	1.09	1.15	0.97	1.30	0.85	1.45		
		1500	1.80	0.96	1.68	1.08	1.57	1.20	1.45	1.38	1.33	1.56	1.21	1.74		
		1750	2.27	1.12	2.15	1.26	2.04	1.40	1.92	1.61	1.80	1.82	1.68	2.02		
SSR 65VT	Suc. 1 1/2B Dis. 2 1/2B	1000	1.20	0.80	1.06	0.90	0.91	1.00	0.76	1.15						
		1250	1.73	1.00	1.59	1.13	1.44	1.25	1.29	1.44	1.14	1.63	1.00	1.82		
		1500	2.09	1.20	1.95	1.35	1.80	1.50	1.65	1.73	1.50	1.95	1.36	2.18		
		1750	2.64	1.40	2.50	1.58	2.35	1.75	2.20	2.02	2.05	2.28	1.91	2.53		

SSR TYPE SSR-V VACUUM PERFORMANCE TABLE

0.75kW 1.1kW 1.5kW 2.2kW 3kW 4kW 5.5kW 7.5kW 11kW
15kW 18.5kW 22kW 30kW 37kW 45kW 55kW 75kW

Qs: Vacuum Volume At Each Discharge Pressure (m^3/min) La: Required Electric Power (kW)

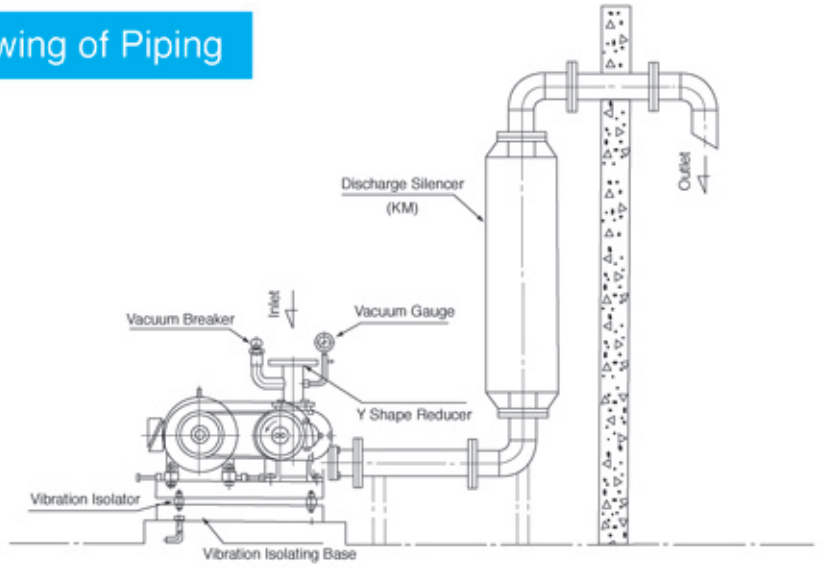
Type	Bore	Vacuum Pressure	-100mmHg -1360mmAq		-150mmHg -2040mmAq		-200mmHg -2720mmAq		-250mmHg -3400mmAq		-300mmHg -4080mmAq	
		rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR-50V	5K-40A 10K-50A	1100	1.12	0.36	1.03	0.55	0.94	0.74	0.86	0.93		
		1230	1.29	0.47	1.20	0.67	1.10	0.88	1.02	1.08		
		1350	1.45	0.58	1.36	0.80	1.26	1.02	1.16	1.24		
		1470	1.62	0.74	1.54	0.96	1.45	1.18	1.35	1.40	1.25	1.62
		1560	1.76	0.86	1.69	1.09	1.60	1.31	1.50	1.54	1.37	1.76
		1660	1.88	0.93	1.81	1.17	1.71	1.41	1.61	1.66	1.48	1.90
		1750	1.99	0.99	1.92	1.27	1.82	1.50	1.71	1.76	1.58	2.02
		1850	2.12	1.13	2.05	1.39	1.95	1.65	1.84	1.91	1.71	2.17
		1960	2.27	1.28	2.20	1.55	2.10	1.81	1.99	2.08	1.90	2.34
		2120	2.46	1.56	2.38	1.84	2.27	2.21	2.15	2.40	2.02	2.67
SSR-65V	5K-50A 10K-65A	1100	1.57	0.75	1.43	0.98	1.30	1.21	1.16	1.45		
		1240	1.83	0.84	1.69	1.09	1.54	1.35	1.40	1.61		
		1360	2.08	0.95	1.93	1.24	1.78	1.52	1.64	1.81		
		1460	2.27	1.05	2.13	1.35	1.99	1.65	1.84	1.96	1.70	2.26
		1550	2.47	1.13	2.32	1.45	2.17	1.77	2.03	2.09	1.88	2.41
		1670	2.70	1.24	2.56	1.58	2.42	1.93	2.27	2.28	2.13	2.62
		1770	2.90	1.32	2.76	1.69	2.62	2.06	2.49	2.43	2.35	2.79
		1860	3.08	1.44	2.94	1.82	2.80	2.20	2.65	2.59	2.51	2.98
		1980	3.33	1.60	3.18	2.00	3.03	2.41	2.89	2.81	2.74	3.23
		2150	3.57	1.84	3.43	2.28	3.30	2.72	3.16	3.16	3.02	3.60
SSR-80V	5K-65A 10K-80A	1130	2.29	1.01	2.79	1.46	2.65	1.90	2.50	2.35		
		1240	2.92	1.17	3.15	1.66	3.00	2.14	2.85	2.63	2.69	3.11
		1300	3.49	1.30	3.35	1.80	3.20	2.30	3.05	2.80	2.89	3.30
		1370	3.73	1.44	3.59	1.96	3.44	2.49	3.29	3.01	3.13	3.53
		1470	4.03	1.60	3.89	2.16	3.74	2.73	3.59	3.30	3.43	3.86
		1570	4.35	1.82	4.21	2.40	4.07	2.99	3.92	3.57	3.77	4.16
		1660	4.64	2.01	4.51	2.62	4.37	3.24	4.22	3.85	4.06	4.46
		1750	4.95	2.23	4.81	2.85	4.67	3.48	4.53	4.11	4.38	4.73
		1840	5.23	2.42	5.10	3.09	4.96	3.75	4.81	4.42	4.65	5.09
		1930	5.53	2.64	5.40	3.33	5.26	4.02	5.11	4.72	4.95	5.41
SSR-100V	5K-80A 10K-100A	1070	4.35	1.56	4.06	2.24	3.80	2.92	3.57	3.60		
		1160	4.83	1.80	4.56	2.53	4.29	3.27	4.03	4.01	3.78	4.72
		1240	5.27	1.97	4.99	2.74	4.72	3.52	4.46	4.29	4.20	5.07
		1320	5.80	2.09	5.54	2.94	5.27	3.79	5.01	4.64	4.74	5.49
		1480	6.51	2.27	6.28	3.19	6.05	4.14	5.82	5.05	5.60	5.97
		1580	6.99	2.45	6.77	3.43	6.55	4.44	6.33	5.44	6.10	6.40
		1700	7.57	2.66	7.37	3.72	7.16	4.79	6.95	5.86	6.73	6.92
		1790	8.00	2.87	7.81	3.95	7.60	5.07	7.38	6.19	7.15	7.27
		1890	8.47	3.03	8.29	4.21	8.09	5.39	7.88	6.56	7.66	7.74
		2010	9.08	3.23	8.92	4.48	8.75	5.74	8.57	7.00	8.38	8.26

SSR

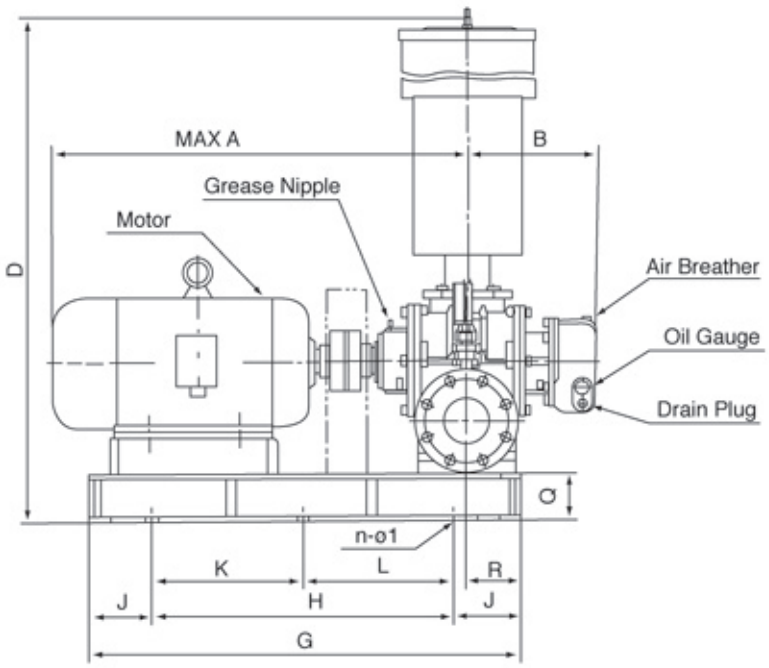
0.75kW 1.1kW 1.5kW 2.2kW 3kW 4kW 5.5kW 7.5kW 11kW
15kW 18.5kW 22kW 30kW 37kW 45kW 55kW 75kW

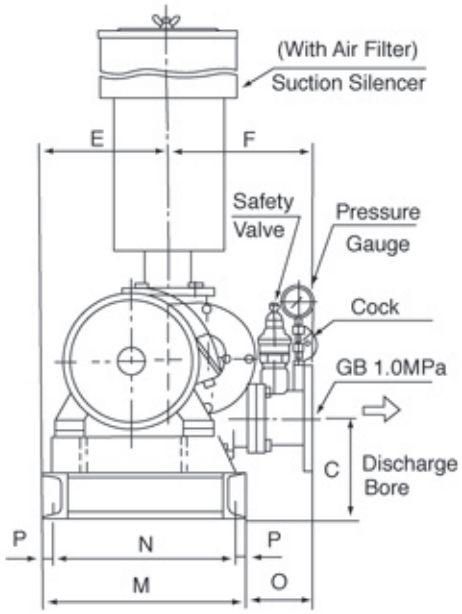
Type	Bore	Vacuum Pressure	-100mmHg -1360mmAq		-150mmHg -2040mmAq		-200mmHg -2720mmAq		-250mmHg -3400mmAq		-300mmHg -4080mmAq	
		rpm	Qs	La	Qs	La	Qs	La	Qs	La	Qs	La
SSR-125V	5K-100A 10K-125A	980	6.24	2.27	5.97	3.17	5.70	4.07	5.42	4.97	5.14	5.86
		1050	6.75	2.60	6.48	3.53	6.21	4.47	5.94	5.41	5.66	6.35
		1200	7.77	3.26	7.51	4.31	7.25	5.37	6.98	6.42	6.69	7.47
		1310	8.57	3.71	8.36	4.87	8.13	6.02	7.88	7.18	7.61	8.33
		1410	9.27	4.05	9.05	5.29	8.82	6.53	8.57	7.77	8.30	9.00
		1470	9.70	4.37	9.48	5.66	9.25	6.95	9.02	8.23	8.78	9.21
		1550	10.30	4.62	10.10	5.98	9.82	7.34	9.58	8.70	9.33	10.10
		1650	11.00	5.18	10.70	6.64	10.50	9.11	10.30	9.58	10.10	11.10
		1770	11.80	5.70	11.50	7.23	11.30	8.75	11.10	10.30	10.90	11.80
		1880	12.50	6.25	12.30	7.86	12.00	9.46	11.80	11.10	11.60	12.70
SSR-150V	5K-125A 10K-150A	810	12.60	3.51	12.20	4.83	11.80	6.72	11.40	8.61	11.00	10.50
		870	13.80	4.12	13.30	6.00	12.80	7.80	12.30	9.77	11.80	11.70
		990	15.60	4.46	15.20	6.58	14.70	8.70	14.30	10.80	13.80	12.90
		1120	17.70	6.61	17.30	8.94	16.80	11.30	16.30	13.60	15.80	15.90
		1200	19.10	7.57	18.70	9.93	18.20	12.30	17.80	14.70	17.30	17.00
		1270	20.30	8.40	19.90	10.80	19.50	13.20	19.10	15.60	18.70	18.00
		1410	22.50	10.50	22.10	13.20	21.70	15.90	21.30	18.60	20.80	21.30
		1540	24.60	12.50	24.20	15.40	23.70	18.30	23.20	21.20	22.70	24.00
		1670	26.50	14.30	26.00	17.40	25.50	20.50	25.00	23.50	24.50	26.60
		1780	27.80	15.90	27.30	19.20	26.80	22.50	26.30	25.80	25.70	29.10
SSR-200V	5K-150A 10K-200A	810	31.07	10.38	29.92	14.89	29.01	18.96	28.16	23.20	27.08	27.43
		900	34.92	12.49	33.98	17.37	33.17	22.01	32.28	26.82	31.16	31.49
		980	38.39	14.40	37.24	19.66	36.85	24.80	35.97	30.06	34.78	35.14
		1070	42.37	16.59	41.02	21.61	40.97	27.72	40.09	33.57	38.86	39.32
		1150	45.90	18.61	45.25	24.06	44.65	30.15	43.72	36.35	42.50	42.76
		1230	49.01	20.58	48.38	26.74	47.79	33.47	47.02	40.25	45.87	46.83
		1310	52.06	23.03	51.51	29.61	50.95	36.65	50.33	43.84	49.24	50.97
		1390	54.12	25.15	54.65	32.33	54.11	39.86	53.61	47.40	52.64	55.03
		1480	58.65	27.52	58.17	34.85	57.64	43.13	57.30	51.20	56.46	59.06

Reference Drawing of Piping



SSR TYPE SSR DIRECT COUPLING OUTLINE DIMENSIONS





Unit : mm

Mark / Type	Bore	A	B	C	D	E	F	G	H	J
SSR-50	50A	570	179	135	895	152	230	540	420	60
SSR-65	65A	610	202	145	970	192	230	600	440	80
SSR-80	80A	700	225	165	1130	217	280	650	500	75
SSR-100	100A	900	265	175	1255	234	280	850	630	110
SSR-125	125A	945	294	205	1525	260	345	920	710	105
SSR-150	150A	1155	377	225	1745	305	385	1150	950	100
SSR-200	200A	1570	550	276	2230	405	593	1600	1300	150

Mark / Type	Bore	K	L	M	N	O	P	Q	R	n-ϕl	Weight (kg)
SSR-50	50A	-	-	260	220	122	20	80	60	4-ϕ14	72
SSR-65	65A	-	-	300	260	122	20	80	80	4-ϕ14	84
SSR-80	80A	-	-	370	330	147	20	80	75	4-ϕ19	132
SSR-100	100A	-	-	400	360	114	20	80	110	4-ϕ19	168
SSR-125	125A	355	355	430	390	175	20	100	105	6-ϕ19	245
SSR-150	150A	475	475	500	455	190	22.5	100	165	6-ϕ19	408
SSR-200	200A	650	650	650	605	348	22.5	126	240	6-ϕ19	900

SSR TYPE SSR DIRECT COUPLING PERFORMANCE TABLE

SSR-50

Type	Bore	rpm	Pressure		Qs	La	Base Specification	
			kgf/cm²	kPa	m³/min	kW	TYPE	kW
SSR 50	50A	1450	0.10	9.8	1.66	0.50	Y80₂-4	0.75
			0.15	14.7	1.58	0.67	Y80₂-4	0.75
			0.20	19.6	1.54	0.82	Y90S-4	1.1
			0.25	24.5	1.46	0.98	Y90S-4	1.1
			0.30	29.4	1.40	1.14	Y90L-4	1.5
			0.35	34.3	1.34	1.30	Y90L-4	1.5
			0.40	39.2	1.30	1.47	Y100L1-4	2.2
			0.45	44.1	1.25	1.62	Y100L1-4	2.2
			0.50	49.0	1.20	1.79	Y100L1-4	2.2
			0.55	53.9	1.16	1.96	Y100L1-4	2.2
			0.60	58.8	1.14	2.15	Y100L2-4	3.0

SSR-65

Type	Bore	rpm	Pressure		Qs	La	Base Specification	
			kgf/cm²	kPa	m³/min	kW	TYPE	kW
SSR 65	65A	1450	0.10	9.8	2.31	0.63	Y80₂-4	0.75
			0.15	14.7	2.22	0.88	Y90S-4	1.1
			0.20	19.6	2.14	1.12	Y90L-4	1.5
			0.25	24.5	2.07	1.34	Y90L-4	1.5
			0.30	29.4	2.00	1.60	Y100L1-4	2.2
			0.35	34.3	1.93	1.85	Y100L1-4	2.2
			0.40	39.2	1.86	2.10	Y100L2-4	3.0
			0.45	44.1	1.80	2.32	Y100L2-4	3.0
			0.50	49.0	1.74	2.54	Y100L2-4	3.0
			0.55	53.9	1.69	2.78	Y112M-4	4.0
			0.60	58.8	1.63	3.00	Y112M-4	4.0

SSR-80

Type	Bore	rpm	Pressure		Qs	La	Base Specification	
			kgf/cm²	kPa	m³/min	kW	TYPE	kW
SSR 80	80A	1450	0.10	9.8	4.04	1.39	Y100L1-4	2.2
			0.15	14.7	3.96	1.80	Y100L1-4	2.2
			0.20	19.6	3.86	2.15	Y100L2-4	3.0
			0.25	24.5	3.80	2.52	Y100L2-4	3.0
			0.30	29.4	3.74	2.85	Y112M-4	4.0
			0.35	34.3	3.66	3.21	Y112M-4	4.0
			0.40	39.2	3.58	3.57	Y132S-4	5.5
			0.45	44.1	3.50	3.95	Y132S-4	5.5
			0.50	49.0	3.43	4.29	Y132S-4	5.5
			0.55	53.9	3.36	4.66	Y132S-4	5.5
			0.60	58.8	3.30	5.02	Y132S-4	5.5

SSR-100

Type	Bore	rpm	Pressure		Qs	La	Base Specification	
			kgf/cm²	kPa	m³/min	kW	TYPE	kW
SSR 100	100A	1450	0.10	9.8	6.49	2.17	Y100L2-4	3.0
			0.15	14.7	6.34	2.76	Y100L2-4	3.0
			0.20	19.6	6.21	3.38	Y112M-4	4.0
			0.25	24.5	6.08	3.95	Y132S-4	5.5
			0.30	29.4	5.96	4.59	Y132S-4	5.5
			0.35	34.3	5.85	5.20	Y132M-4	7.5
			0.40	39.2	5.74	5.83	Y132M-4	7.5
			0.45	44.1	5.64	6.48	Y132M-4	7.5
			0.50	49.0	5.54	7.05	Y160M-4	11
			0.55	53.9	5.44	7.69	Y160M-4	11
			0.60	58.8	5.35	8.39	Y160M-4	11

SSR-125

Type	Bore	rpm	Pressure		Qs	La	Base Specification
			kgf/cm²	kPa	m³/min	kW	TYPE
SSR 125	125A	1450	0.10	9.8	9.72	3.45	Y132S-4
			0.15	14.7	9.50	4.25	Y132S-4
			0.20	19.6	9.35	5.20	Y132M-4
			0.25	24.5	9.25	6.15	Y132M-4
			0.30	29.4	9.15	7.10	Y132M-4
			0.35	34.3	9.05	8.05	Y160M-4
			0.40	39.2	8.95	9.00	Y160M-4
			0.45	44.1	8.85	9.90	Y160L-4
			0.50	49.0	8.77	10.90	Y160L-4
			0.55	53.9	8.70	11.80	Y160L-4
			0.60	58.8	8.60	12.80	Y160L-4

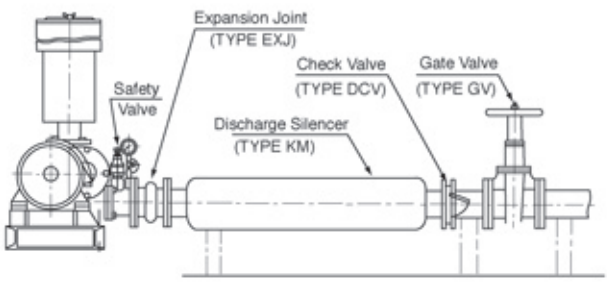
SSR-150

Type	Bore	rpm	Pressure		Qs	La	Base Specification
			kgf/cm²	kPa	m³/min	kW	TYPE
SSR 150	150A	1450	0.10	9.8	22.85	10.70	Y160L-4
			0.15	14.7	22.70	12.75	Y160L-4
			0.20	19.6	22.58	14.68	Y180M-4
			0.25	24.5	22.45	16.68	Y180M-4
			0.30	29.4	22.33	18.70	Y180L-4
			0.35	34.3	22.23	20.80	Y180L-4
			0.40	39.2	22.12	22.90	Y200L-4
			0.45	44.1	22.01	24.85	Y200L-4
			0.50	49.0	21.92	26.88	Y200L-4
			0.55	53.9	21.83	29.00	Y225S-4
			0.60	58.8	21.74	30.90	Y225S-4

SSR-200

Type	Bore	rpm	Pressure		Qs	La	Base Specification
			kgf/cm²	kPa	m³/min	kW	TYPE
SSR 200	200A	1480	0.10	9.8	59.20	23.80	Y200L-4
			0.15	14.7	58.83	28.96	Y200L-4
			0.20	19.6	58.46	34.37	Y225S-4
			0.25	24.5	58.24	40.42	Y225M-4
			0.30	29.4	58.02	46.58	Y250M-4
			0.35	34.3	57.89	52.36	Y250M-4
			0.40	39.2	57.76	58.19	Y280S-4
			0.45	44.1	57.57	63.62	Y280S-4
			0.50	49.0	57.37	68.98	Y280S-4
			0.55	53.9	57.22	74.22	Y280M-4
			0.60	58.8	57.08	80.18	Y280M-4

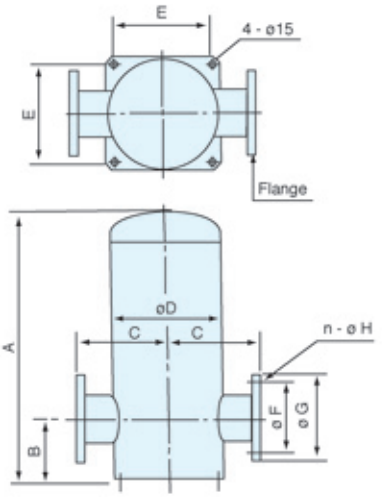
Reference Drawing of Piping



Note: Make sure that piping of check valve is horizontal.

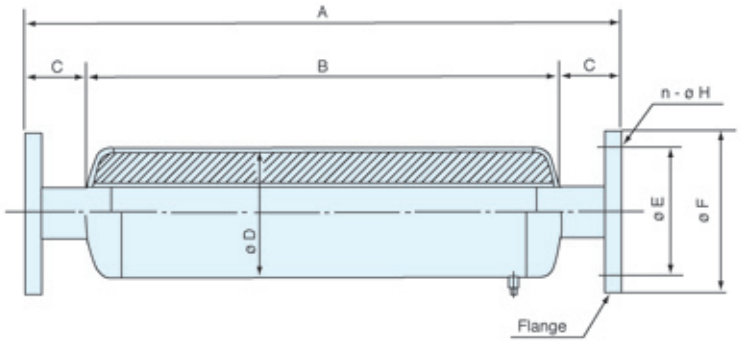
SSR TYPE SSR ACCESSORIES

Vertical Discharge Silencer (RKM)



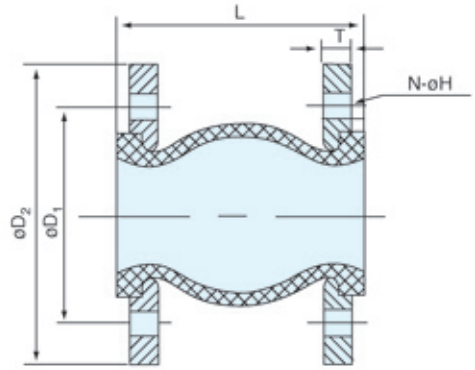
Type	Bore	A	B	C	D	E	F	G	n-ϕH	Weight (kg)
RKM-50	50A	420	120	150	140	130	125	165	4-ϕ19	15
RKM-65	65A	480	130	175	191	170	145	185	4-ϕ19	20
RKM-80	80A	595	145	200	216	190	160	200	8-ϕ19	27
RKM-100	100A	660	155	225	267	230	180	220	8-ϕ19	34
RKM-125	125A	800	190	250	280	240	210	250	8-ϕ23	58
RKM-150	150A	920	210	300	356	290	240	285	8-ϕ23	80
RKM-200	200A	1050	256	325	406	350	295	340	8-ϕ23	97

Discharge Silencer (KM)



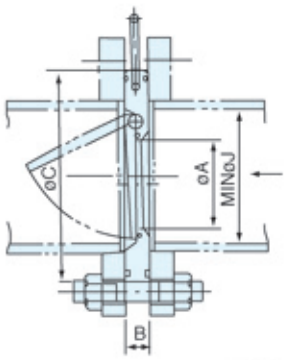
Type	Bore	A	B	C	D	E	F	n-ϕH	Weight (kg)
KM-50	50A	600	480	60	140	125	165	4-ϕ19	10
KM-65	65A	700	560	70	165	145	185	4-ϕ19	14
KM-80	80A	900	74	80	190	160	200	8-ϕ19	18
KM-100	100A	1200	1040	80	217	180	220	8-ϕ19	37
KM-125	125A	1400	1210	95	261	210	250	8-ϕ23	44
KM-150	150A	1600	1410	95	286	240	285	8-ϕ23	67
KM-200	200A	1800	1600	100	320	295	340	8-ϕ23	80

KXT Series Resilient Connect



Type	Bore	D_1	D_2	L	T	n-ϕH	Weight (kg)
-50	50A	125	165	105	18	4-ϕ17.5	3.0
-65	65A	145	185	115	20	4-ϕ17.5	3.5
-80	80A	160	200	135	20	4-ϕ17.5	4.0
-100	100A	180	220	150	22	4-ϕ17.5	5.0
-125	125A	210	250	165	24	8-ϕ17.5	6.5
-150	150A	240	285	180	24	8-ϕ22	9.5
-200	200A	295	340	190	24	8-ϕ22	16

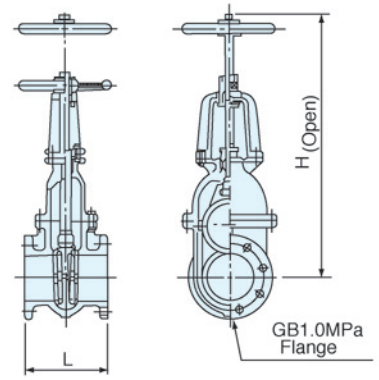
Check Valve (DCV)



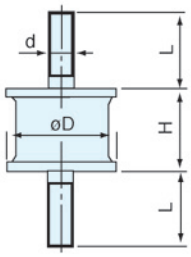
GB1.0MPa use Flange

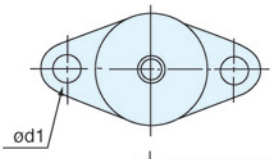
Type	Bore	A	B	C	J	Fixing Bolt Size (Number)	Weight (kg)
DCV-50	50A	25	19	104	52.7	M16 x 86(4)	1.1
DCV-65	65A	36	19	124	65.9	M16 x 108(4)	1.4
DCV-80	80A	46	19	134	78.1	M16 x 108(8)	1.6
DCV-100	100A	67	19	159	102.3	M16 x 108(8)	2.3
DCV-125	125A	88	21	190	126.6	M20 x 115(8)	3.4
DCV-150	150A	108	24	220	151.0	M20 x 120(8)	5.0
DCV-200	200A	138	29	270	200	M20 x 120(8)	10

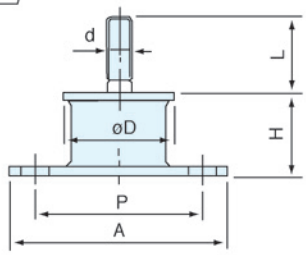
Gate Valve (GV)



Type	Bore	L	H
GV-50	50A	178	381
GV-65	65A	190	428
GV-80	80A	203	493
GV-100	100A	229	588
GV-125	125A	254	689
GV-150	150A	267	798
GV-200	200A	328	920





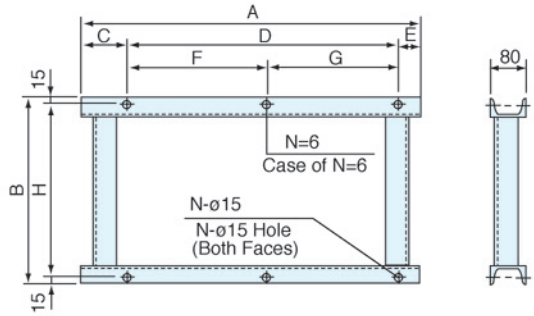


Rubber Vibration Isolator (TYPE A)

Type	D	H	L	d	Application Type
A-35B	35	36	23	M8	TSA
A-35	35	26	24	M8	SSR-50-80
A-40	40	25	30	M8	SSR-100, 125
A-50	50	27	30	M10	SSR-150
A-75	75	42	45	M12	SSR-200

Rubber Vibration Isolator (TYPE B)

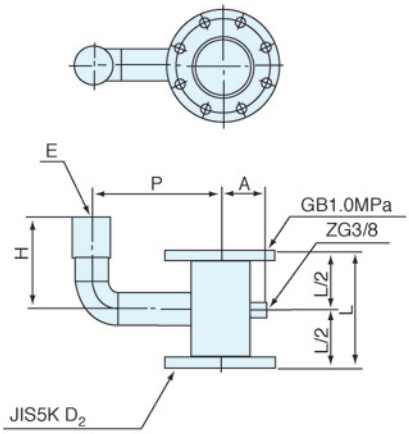
Type	D	H	L	d	D_1	A	P	Application Type
B-35	35	26	24	M8	9	69	53	SSR-50-80
B-40	40	25	30	M8	9	76	60	SSR-100, 125
B-50	50	27	30	M10	11.5	93	73	SSR-150



Vibration-Isolating Base (SSR)

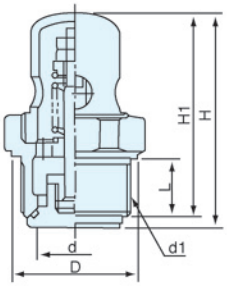
Application Type	A	B	C	D	E	F	G	H	N	Weight (kg)
SSR-50	560	300	100	410	50	-	-	270	4	10
SSR-65	600	340	100	450	50	-	-	310	4	11
SSR-80	650	360	100	500	50	-	-	330	4	12
SSR-100	730	470	100	580	50	-	-	440	4	14
SSR-125	860	480	110	700	50	350	350	440	6	16
SSR-150	960	580	160	750	50	400	350	550	6	18
SSR-200	1280	750	180	1000	100	500	500	705	6	33

SSR TYPE SSR VACUUM ACCESSORIES



Y Shaped Reducer (YSS)

Type	D_1	D_2	E	L	H	P	A
YSS50-25	50A	40	G1	140	95	130	55
YSS65-25	65A	50	G1	160	105	140	60
YSS80-32	80A	65	G11/4	180	115	150	70
YSS100-32	100A	80	G11/4	200	125	160	75
YSS125-50	125A	100	G2	250	155	190	85
YSS150-50	150A	125	G2	260	160	210	100
YSS200-50	200A	175	G2	320	190	250	125

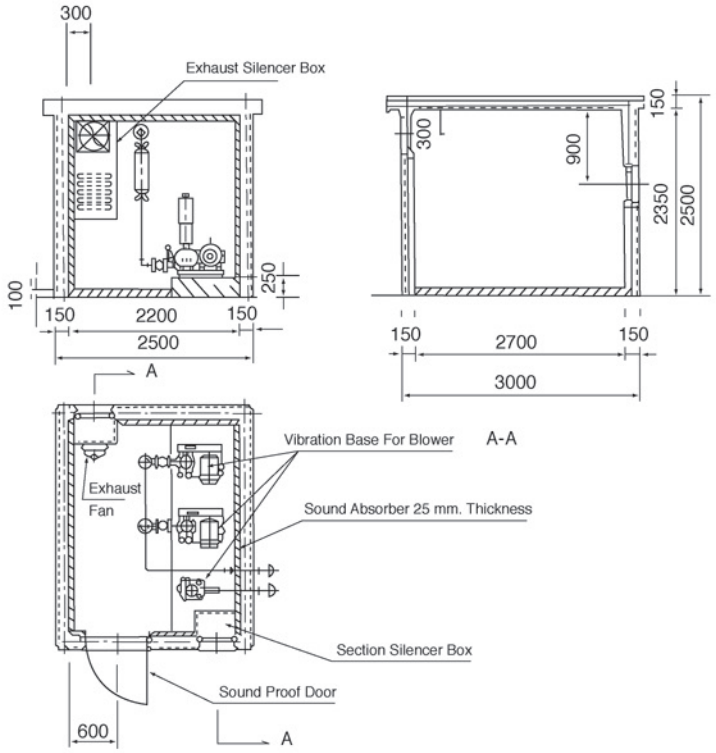


Vacuum Breaker (VOCP-B)

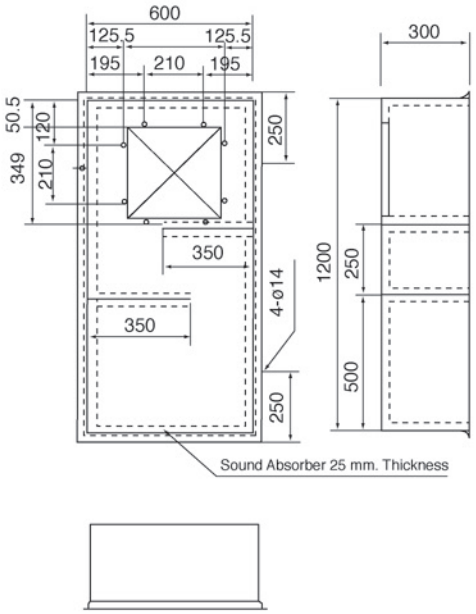
Bore	d	d_1	D	L	H1	H
1	22	G1	40	20	69	73
$1^1/_4$	30	$G1^1/_4$	48	22	79	83
$1^1/_2$	36	$G1^1/_2$	54	22	83	88
2	46	G2	68	28	100	106
$2^1/_2$	60	$G2^1/_2$	83	30	114	120
3	72	G3	98	35	132	140
4	90	G4	125	40	172	180

SSR MACHINE ROOM STRUCTURAL EXAMPLES

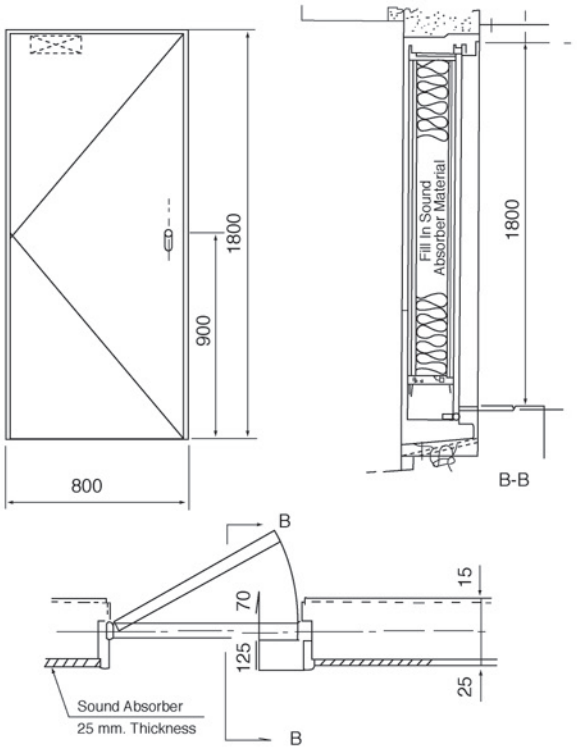
Machine Room



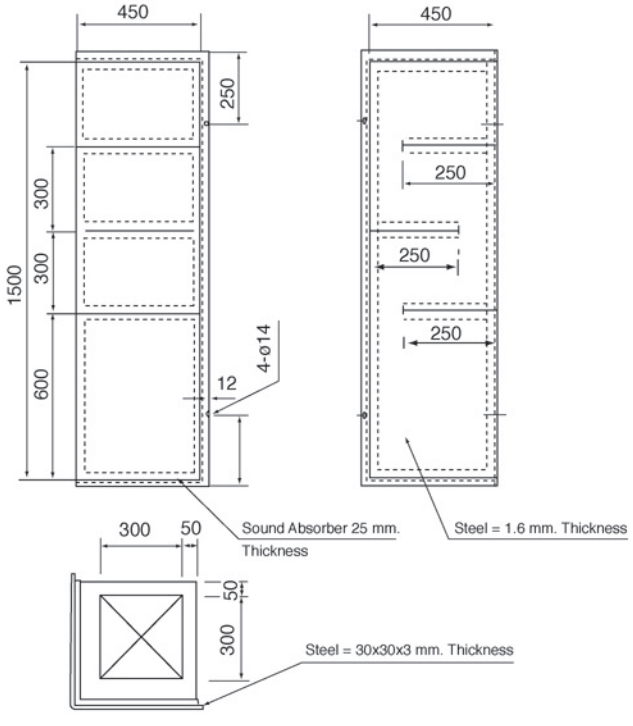
Discharge Silencer Box

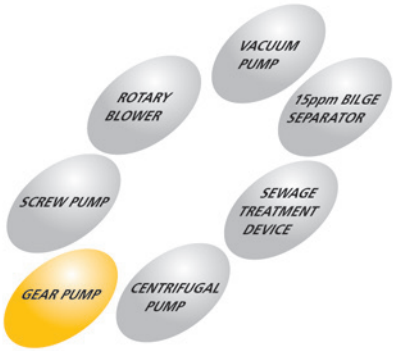


Sound Proof Door

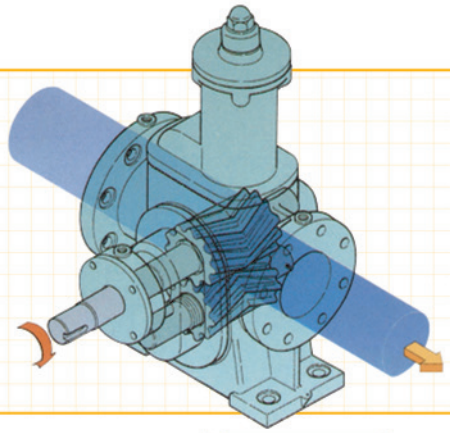


Suction Silencer Box





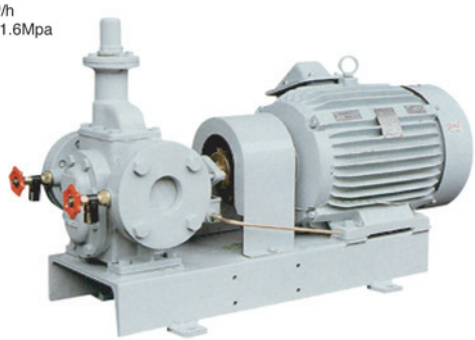
In 1953, Professor Seiko Muto of China Industrial University invented the segmental gear. First introduced to the market by Japan, the gear is characterized by its innovative one-point continuous contact. TAIKO took full advantage of the inventon by offering products benefiting from the segmental gear, thus opening up new possibilities in gear pump technology.



Gear Pump

NHG · NHGH · HHC

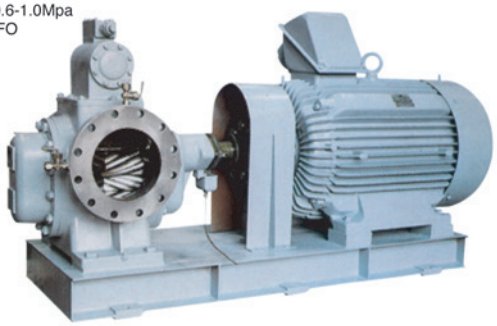
Capacity/0.25-30m³/h
Max.dis.Press./0.6-1.6Mpa
Application/LO, FO



Gear Pump

HG · BHG

Capacity/29-100m³/h
Max.dis.Press./0.6-1.0Mpa
Application/LO, FO



Gear Pump

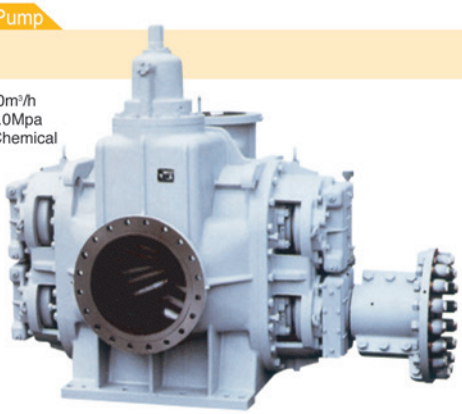
VG

Capacity/16-100m³/h
Max.dis.Press./0.6Mpa
Application/LO, FO

Gear Cargo Pump

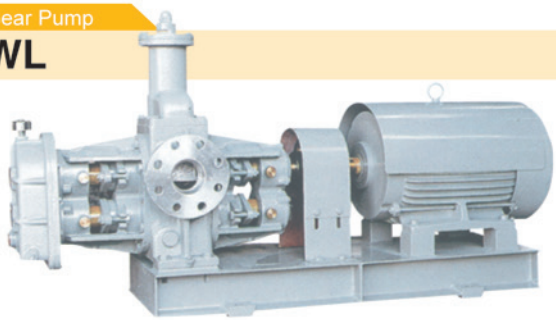
CGL

Capacity/60-1500m³/h
Max.dis.Press./1.0Mpa
Application/Oil, Chemical

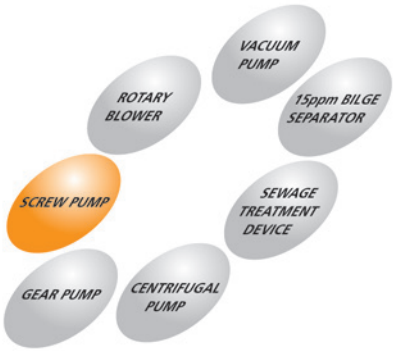


Gear Pump

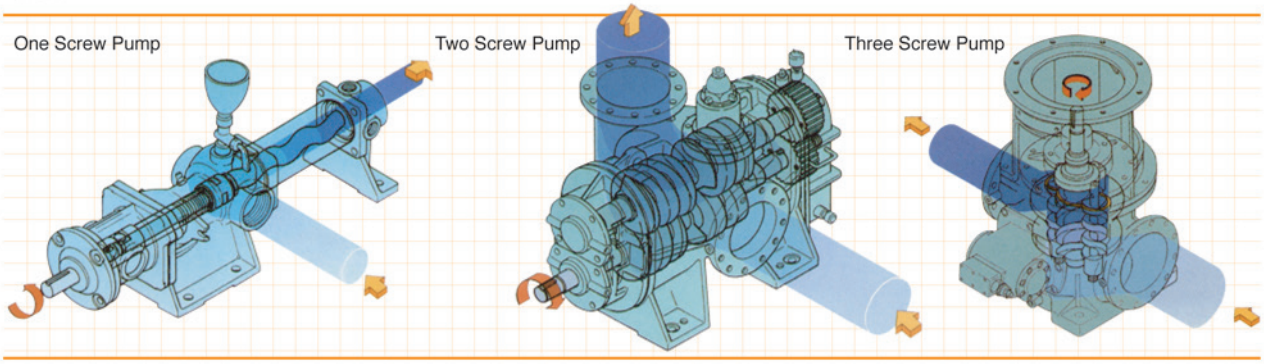
WL



Capacity/0.8-100m³/h
Max.dis.Press./0.6Mpa
Application/Oil, Chemical



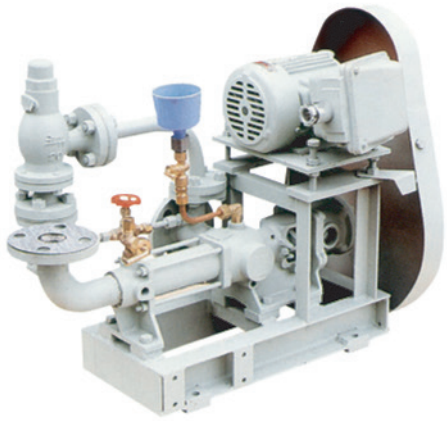
The acquisitiion of new knowledge and new technology has enabled TAIKO to develop a series of Screw Pumps consisting of one-rotor, two-rotor and three-rotor models. Each has unique principles and systems, and differs in operation and performance.



One Screw Pump

HNP

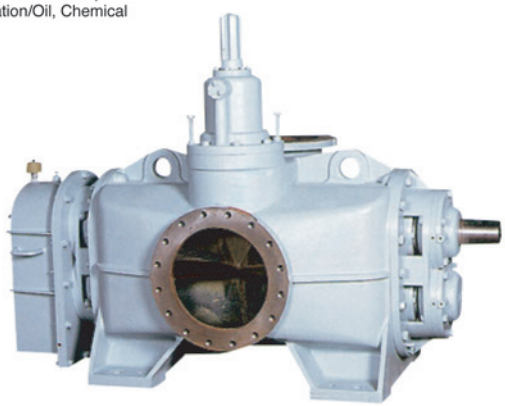
Capacity/0.3-50m³/h
Max.dis.Press./1.2Mpa
Application/Slurry, Waste liquid, Food, Highly viscous liquid



Two Screw Pump

CSL · CSE

Capacity/50-1800m³/h
Max.dis.Press./1.0Mpa
Application/Oil, Chemical



Three Screw Pump

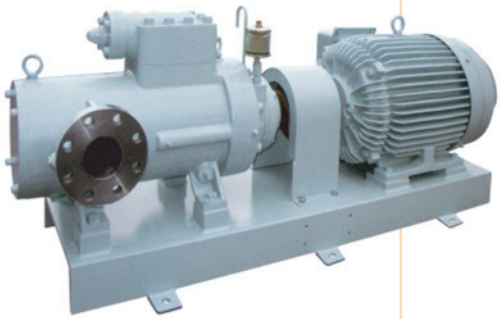
MSD · MSDK

Capacity/0.3-35m³/h
Max.dis.Press./0-0.6MPa · 0-1.0MPa
Application/LO, FO

Three Screw Pump

MSB · MSE-X

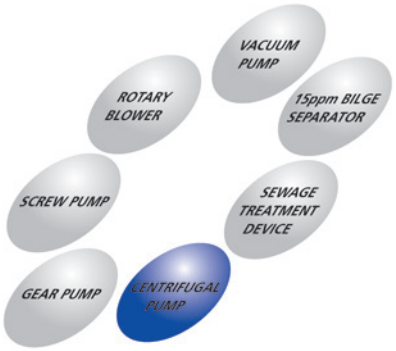
Capacity/1-30m³/h
Max.dis.Press./0.8-2.5Mpa
Application/LO, FO



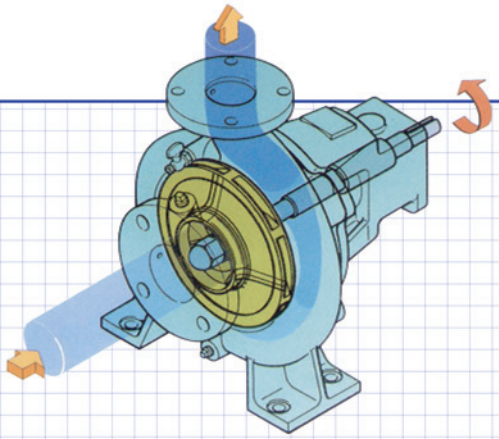
Three Screw Pump

MST · MSTE · MSV-W

Capacity/20-750m³/h
Max.dis.Press./1.0Mpa
Application/LO



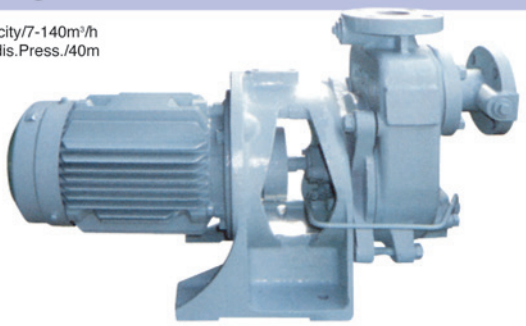
In nearly half a century of pump manufacturing, TAIKO has accumulated a vast technical know-how and expertise, One of the fruits of these efforts is our series of Centrifugal Pumps, which has a diverse range of applications including in the maritime and shipping industry.



Centrifugal Pump

TMS

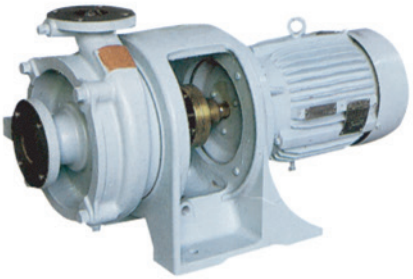
Capacity/7-140m³/h
Max.dis.Press./40m



Centrifugal Pump

TMC

Capacity/10-150m³/h
Max.dis.Press./50m



Centrifugal Pump

EMC

Capacity/30-600m³/h
Max.dis.Press./35m

Centrifugal Pump

ESC

Capacity/30-600m³/h
Max.dis.Press./35m

Centrifugal Pump

EMD

Capacity/500-3800m³/h
Max.dis.Press./35m

Centrifugal Pump

ESD

Capacity/500-2800m³/h
Max.dis.Press./35m

OIL

Centrifugal Pump

Deepwell Centrifugal Pump
MTDP

Capacity/20-500m³/h
Max.dis.Press./120m
Application/oil,chemical

Tank Mounted Centrifugal Pump
C1T

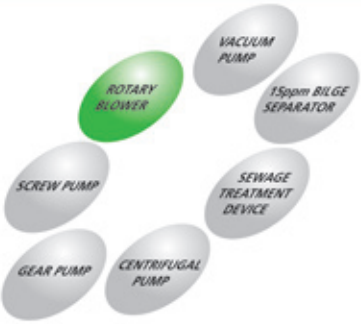
Capacity/80-1800m³/h
Max.dis.Press./1.0MPa
Application/LO

Tank Mounted Centrifugal Pump
DVC

Capacity/400m³/h
Max.dis.Press./2.4MPa
Application/LO

AIR

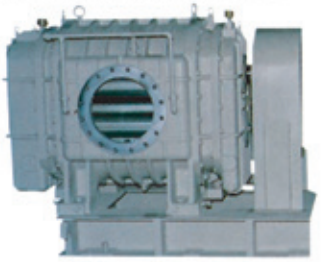
Rotary Blower



TAIKO has made great strides in pump technologies owing to its extensive knowledge and expertise, taking pumps beyond their conventional capacity of transferring liquids, to develop pumps that even transfer gases. TAIKO's Blower series consists of Root-types and Screw-types. The series is to be extended further for even wider industrial applications.

Rotary Blower
L

Capacity/20-812m³/min
Max.dis.Press./One-stage type 120kPa
Max.vacuum pressure/One-stage type-61kPa

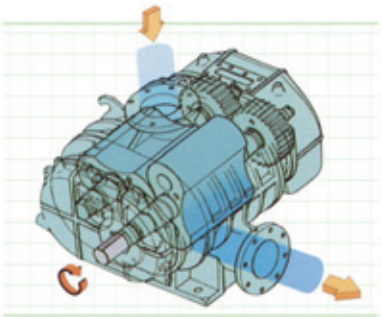


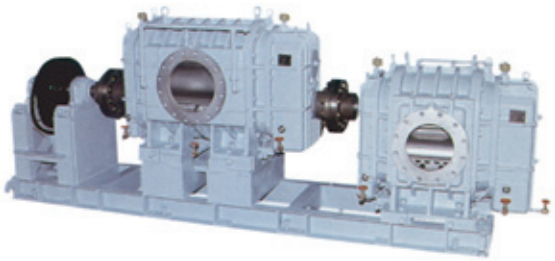
Rotary Blower
R

Capacity/0.45-465m³/min
Max.dis.Press./One-stage type 98kPa

Rotary Blower
TL

Capacity/30-812m³/min
Max.dis.Press./Two-stage type 220kPa
Max.vacuum pressure/Two-stage type-88kPa

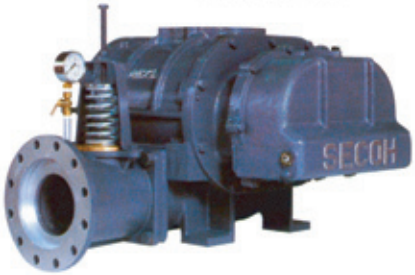




REX

■ **REX**
Bore : 50~200A
Air Volume : 1.02~51.60m³/min
Pressure : Atmospheric Pressure ~58.8kPa

■ **REX-V**
Bore : 50~200A
Air Volume : 1.00~51.31m³/min
Pressure : Atmospheric Pressure ~58.8kPa

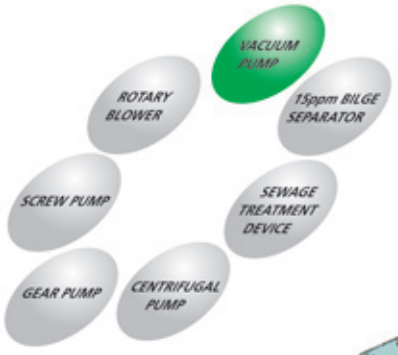


REX-H
Water Cooling Roots Type Rotary Blower

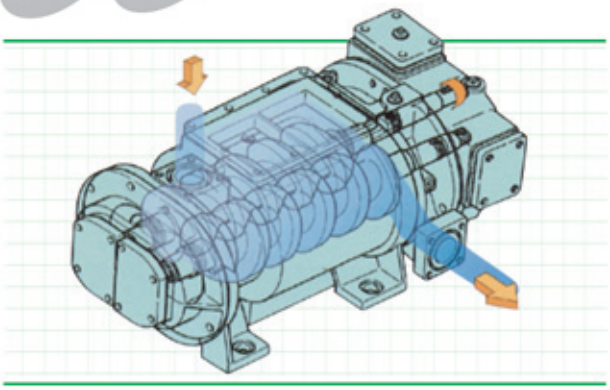
Bore : 50~200A
Air Volume : 0.34~44.97m³/min
Pressure : 60~100kPa

REX-WT
ROOTS TYPE WET VACUUM PUMP

Bore : 125~200A
Air Volume : 5.7~66.5m³/min
Pressure : Atmospheric Pressure ~93.3kPa



TAIKO's technical know-how on screw pump manufacturing lead to development of the original Screw Vacuum Pumps, which are widely used as dry pumps for semiconductor processing and at chemical plants. Such pumps attain great durability over long periods.



Screw Dry Pump

BEH

Capacity/5000-30000L/min
Ultimate Pressure/0.13~0.08Pa
Application/Semiconductor liquid Crystal process

Screw Dry Pump

SDV

Capacity/500-11500L/min
Ultimate Pressure/10Pa
Application/General industrial machine

Screw Dry Pump

BEH-KT

Capacity/50000-60000L/min
Ultimate Pressure/0.08Pa
Application/Semiconductor liquid crystal process

Screw Dry Pump

SDF

Capacity/500-850L/min
Ultimate Pressure/30Pa
Application/General industrial machine

Screw Dry Pump

TD

Capacity/650-3000L/min
Ultimate Pressure/0.7Pa
Application/Semiconductor liquid crystal process

Screw Dry Pump

MDP·SLT

Capacity/1100-35000L/min
Ultimate Pressure/0.7Pa
Application/Chemical process

Screw Dry Pump

TDA

Capacity/150-700L/min Ultimate Pressure/1.0Pa
Application/Science and laboratory machine process

TAIKO KIKAI INDUSTRIES CO., LTD.

URL http://www.taiko-kk.com

- **HEAD OFFICE AND FACTORY**
  209-1 Shimotabuse, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1598 Japan
  Tel: 81-820-52-3111 Fax: 81-820-53-2127 E-mail: g-afair@taiko-kk.com

- **SECOND FACTORY**
  966 Ogo, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1513 Japan
  Tel: 81-820-52-2147 Fax: 81-820-52-2148

- **HEAD OFFICE BUSINESS**
  209-1 Shimotabuse, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1598 Japan
  Tel: 81-820-52-3113~4 Fax: 81-820-53-1001 E-mail: business@taiko-kk.com

- **TOKYO BRANCH**
  4th floor, Suidobashi MS Building, 3-4-9 Misaki-cho, Chiyoda-ku, Tokyo 101-0061 Japan
  Tel: 81-3-3221-8551 Fax: 81-3-3221-8555 E-mail: tokyo-br@taiko-kk.com

- **OSAKA BRANCH**
  8th floor, KC Building, 3-4-7 Kawara-machi, Chuo-ku, Osaka 541-0048 Japan
  Tel: 81-6-6231-6241 Fax: 81-6-6222-3295 E-mail: osaka-br@taiko-kk.com

- **TOKYO SERVICE CENTER**
  160 Aioi-cho, Wakaba-ku, Chiba-shi, Chiba Pref. 264-0031 Japan
  Tel: 81-43-252-8493 Fax: 81-43-252-8498 E-mail: service-tky@taiko-kk.com

- **ELECTRO MAGNETIC DIV.**
  966 Ogo, Tabuse-cho, Kumage-gun, Yamaguchi Pref. 742-1513 Japan
  Tel: 81-820-52-2147 Fax: 81-820-52-2148 E-mail: sales@secoh.co.jp

- **SHANDONG TAIKO MACHINERY CO., LTD.**
  Xianggongzhuang Town, Zhangqiu City, Shandong, China
  Tel: +86-531-83831641 Fax: +86-531-83831640

- **TAIKO KIKAI (QINGDAO) CO., LTD.**
  Baiyun Rd., Airport Ind. Park, West Side of Shuangyuan Rd., Liuting St., Chengyang Dist., Qingdao City, Shandong, China
  Tel: 532-8771-6055

- **CHONGQING TAIKO AND KANGDA ENVIRONMENTAL PROTECTION TECHNOLOGY CO., LTD.**
  North Zone of Chongqing High-tech Park, 72 Avenue of Stars, Jiangbei, P.C.401121, China
  Tel: 023-61-867-777 Fax: 023-61-867-775
  E-mail: kangdaep@kingdaep.com (Group Headquarters) dhkd@kangdaep.com
  (TAIKO Kangda Sales)
  Website: http://www.kangdaep.com

- **SECOH SHANGHAI MEC. LTD. (AIR PUMP MANUFACTURER)**
  No.160 Fazhan East Road, Xuanqiao Town, Nanhui District, Shanghai P.C:201300, China
  Tel: 0086-21-58039267 Fax: 0086-21-58039265
  E-mail: sakurai@secoh-sh.com
  http: www.secoh-sh.com

- **BEIJING RESIDENT OFFICE**
  Room 7-4H Julong Garden, No.68 Xingzhong Street, Dongcheng District, Beijing 100027 China
  Tel: 86-106551-9673/9674 Fax: 86-106552-7742 E-mail: taiko-beijing@taiko-kk.com

- **SHANGHAI RESIDENT OFFICE**
  28F/F, Times Square, No.500 Zhangyang Road, Shanghai 200122 China
  Tel: 86-5836-8070 Fax: 86-21-5836-8077 E-mail: shanghai@taiko-kk.com

- **TAIKO KOREA CO.**
  41-30 Gupyeong-dong, Saha-gu, Busan 604-060 South Korea
  Tel: 82-51-261-9895 Fax: 82-51-261-9897 E-mail: taiko-korea@taiko-kk.com

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M R M CO., LTD.

57 M R M Building, Soi Preeyanuch (Rama IX 19), Rama IX Rd., Bangkapi, Huay Kwang, Bangkok 10310
Tel : 0-2319-9911 (10 Lines Auto) Fax : 0-2319-9912
E-mail : mrmbkkoa@samart.co.th (JPN & ENG) : mrmthoa@samart.co.th (THAI & ENG) : mrm@shinmaywathai.com
MRM website...http://www.shinmaywathai.com

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