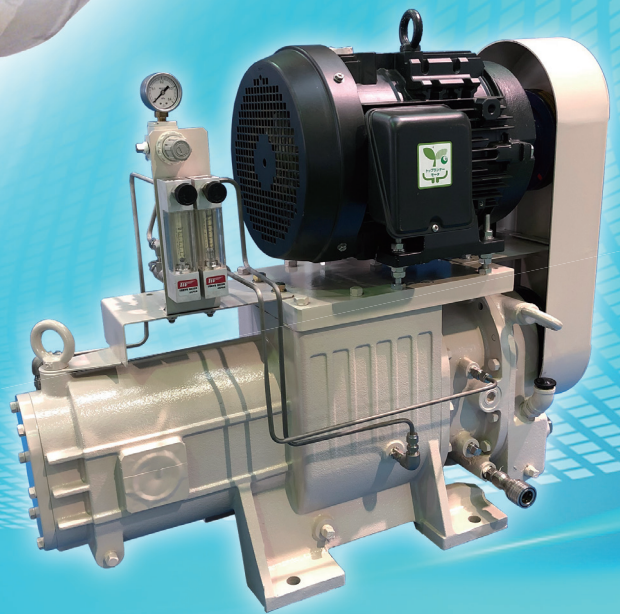
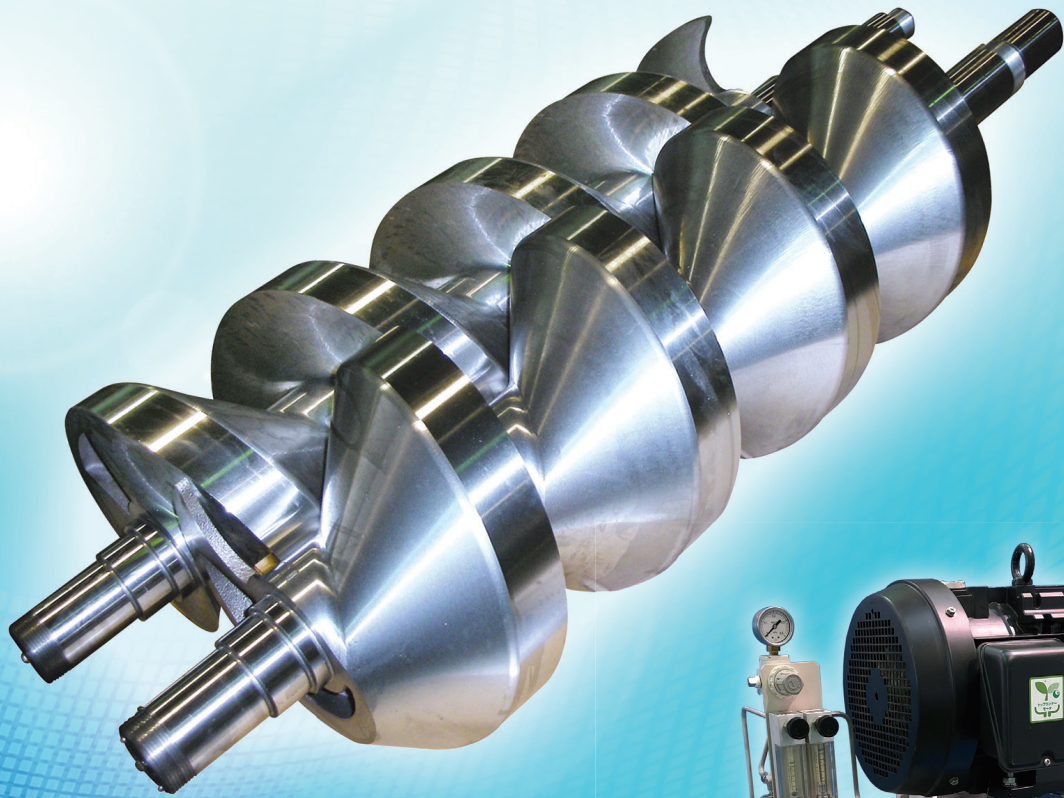




Vacuum Pump

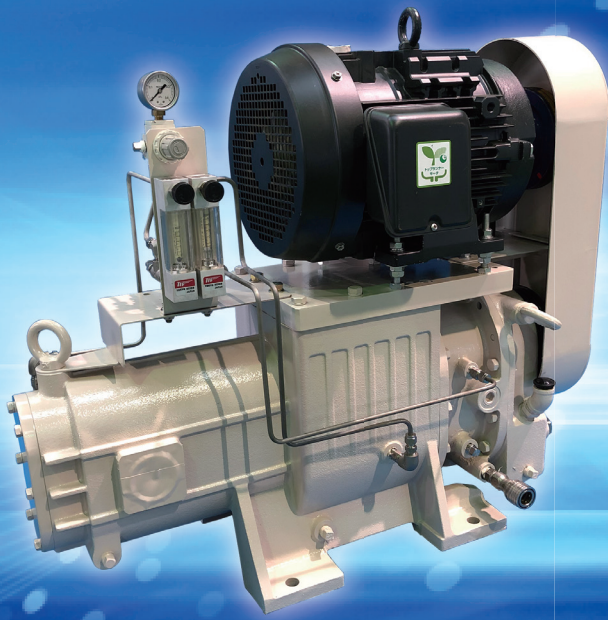
NEW SDV-R Series

DRY



TAIKO KIKAI INDUSTRIES CO., LTD.





Screw-Type Dry Vacuum Pump
for light duty chemical process

New Product! **SDV-R**

Lower cost with more
multi-purpose use!

The highly-regarded SDV
series with **low cost** and
small footprint has been
improved to **expand in**
applications

Yes!
Let's choose
SDV-R!

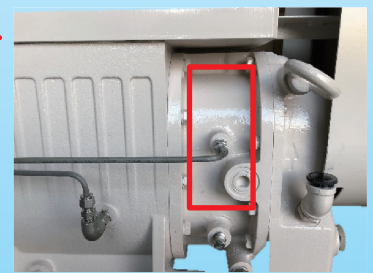
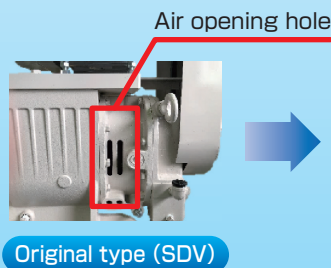


Attention to three remarkable points of **SDV-R** !

POINT 1

Structural change of the side case.

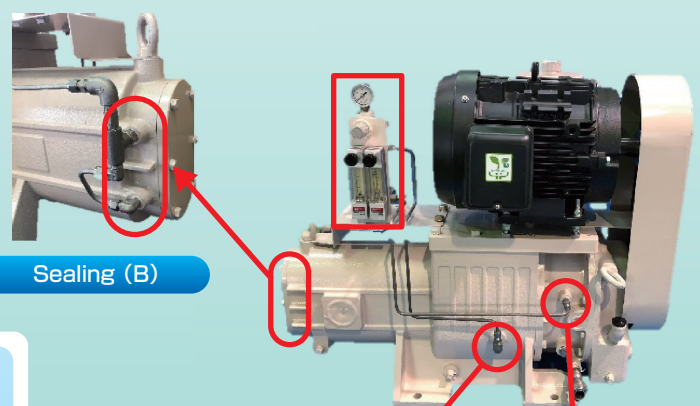
The air opening hole is
closed to **prevent the gas**
from escaping to the
outside.



POINT 2

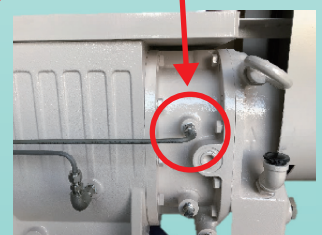
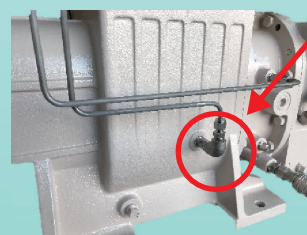
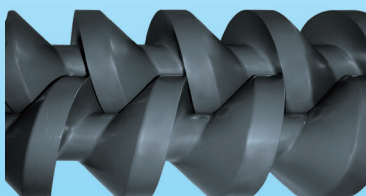
Added the N₂ purge mechanism.

Prevents gases entering
inside at the bearing area and
dilutes the corrosive gases



POINT 3

Fluorine coated on the wetted parts



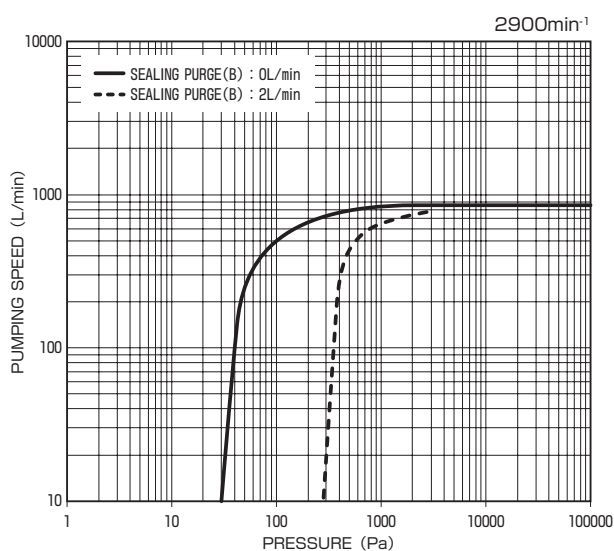
Specification

Model	Rotational speed	Pumping speed	Ultimate pressure	Motor rating	Dilution gas	Lubrication oil	Cooling water	Inlet bore	Outlet bore
	min ⁻¹	L/min	PaA	kW × P	L/min	L	L/min		
SDV-30R	2900	850	30	2.2 × 2	10	0.6	2	VG25	R1
	3500	1100	20	3.7 × 2					
SDV-40R	2400	1900	20	3.7 × 2	10	1	4	VG40	R1-1/4
	3500	2800	10	5.5 × 2					

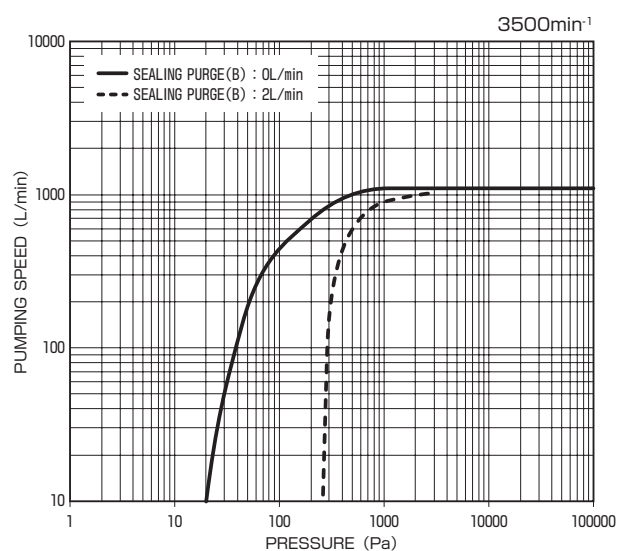
Expected performance curve

SDV-30R

[Low rotational speed]

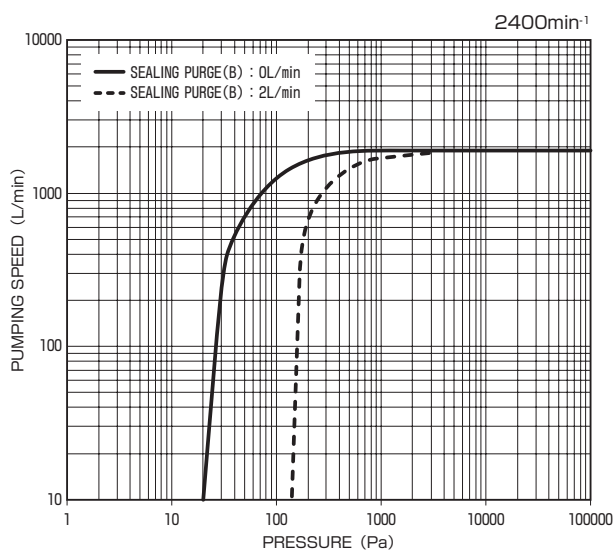


[High rotational speed]

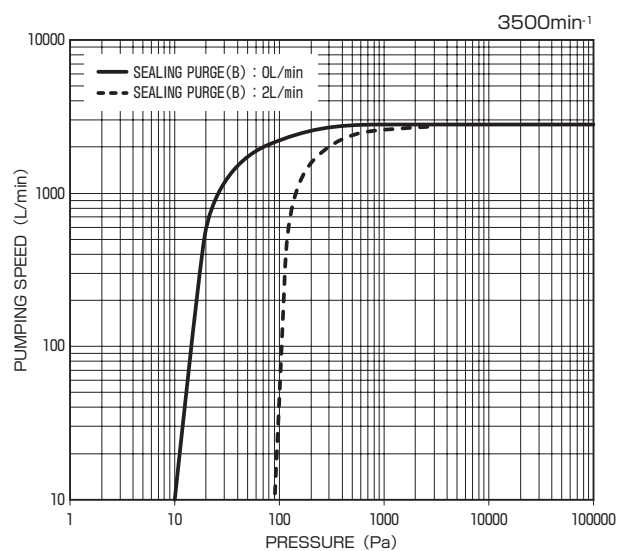


SDV-40R

[Low rotational speed]

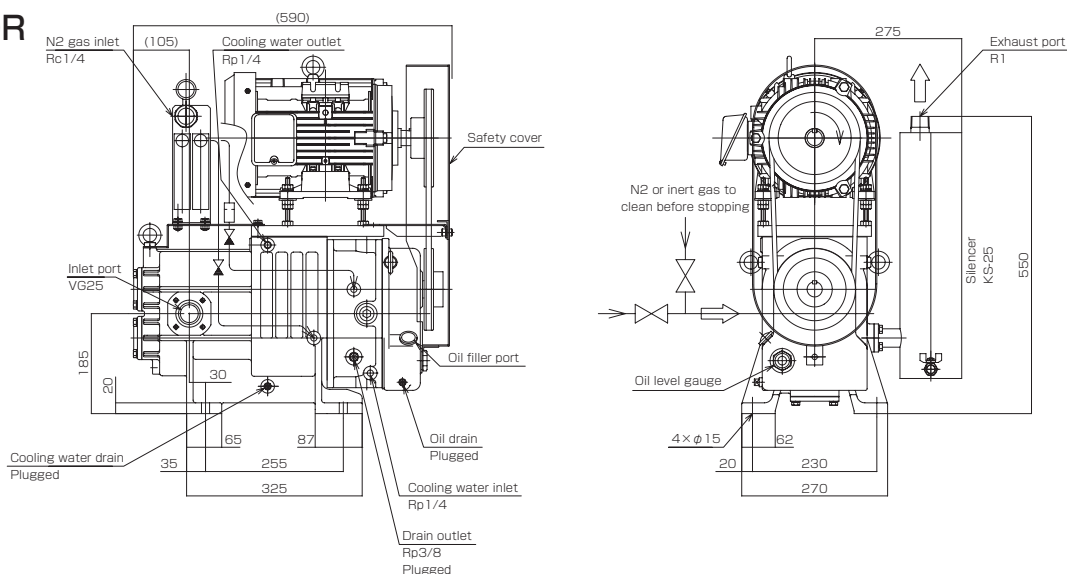


[High rotational speed]

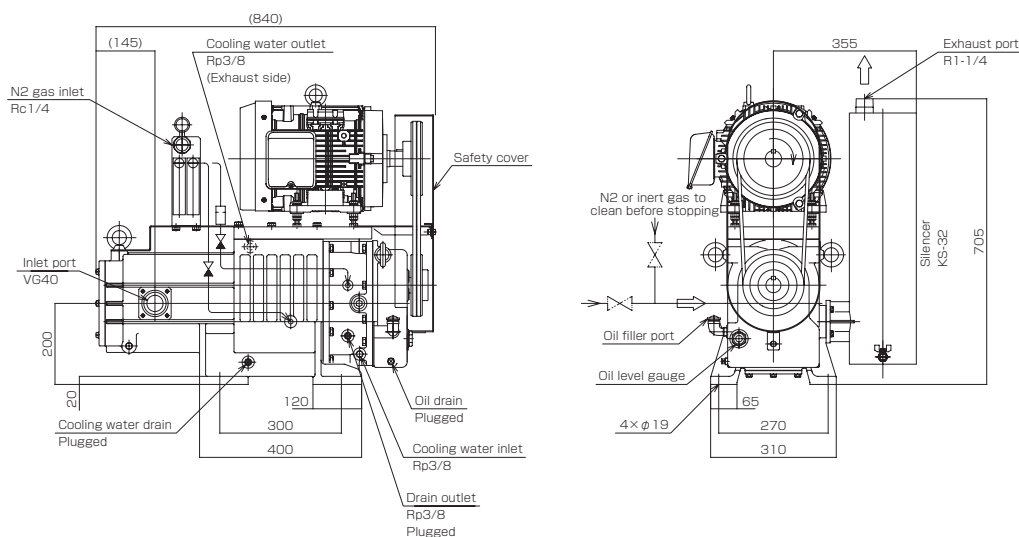


Dimensions

SDV-30R



SDV-40R



⚠ Note:

- The most appropriate pump materials and equipments will be selected depending on the gases, but in the unlikely event of condensation, solidification and corrosion troubles resulted from the gases, all pump(s) repair will require service charges. In addition, we shall not compensate for any secondary damages caused by the dry pump(s).
- Precautions related to the disposal of special gases :
To make a request to repair the dry pump(s) that have pumped special gases, please consult us in advance. Customers are required to dismantle and clean the pump(s) in the case if the dry pump(s) have pumped toxic gases (such as ASH₃, PH₃, HF) before returning to us for repair.

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Tel: 886-3-598-1721 Fax: 886-3-598-1725

- ISO 9001 certified.
- The dimensions and specifications of the products listed in this catalog are subject to change without prior notice for product improvement.