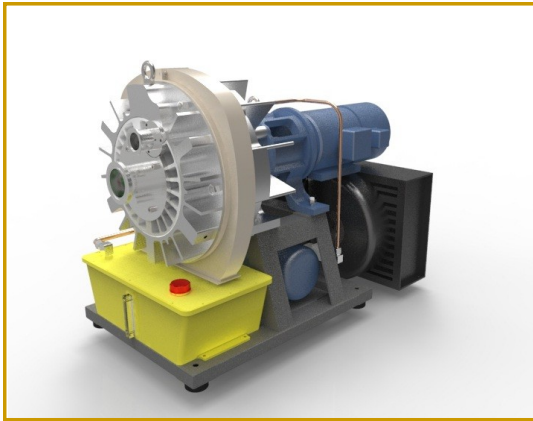


SVT-X-1000



Similar Image

- ◆ Patent protected Floating Scroll Technology
- ◆ Maximum pumping speed of single unit is 60m³/hour
- ◆ Maximum pumping speed of multiple units in parallel can reach 360m³/hour
- ◆ For low and medium vacuum applications

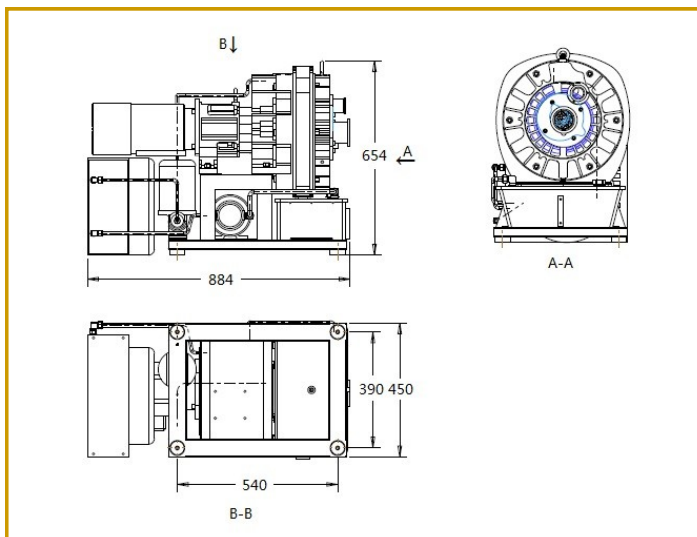
Applications:

- ◆ Vacuum furnace, heat treatment vent furnace
- ◆ Gas recovery devices
- ◆ Sputtering equipment, vacuum deposit equipment, ion plating equipment
- ◆ Vacuum equipment
- ◆ Leak detectors
- ◆ Laboratory use

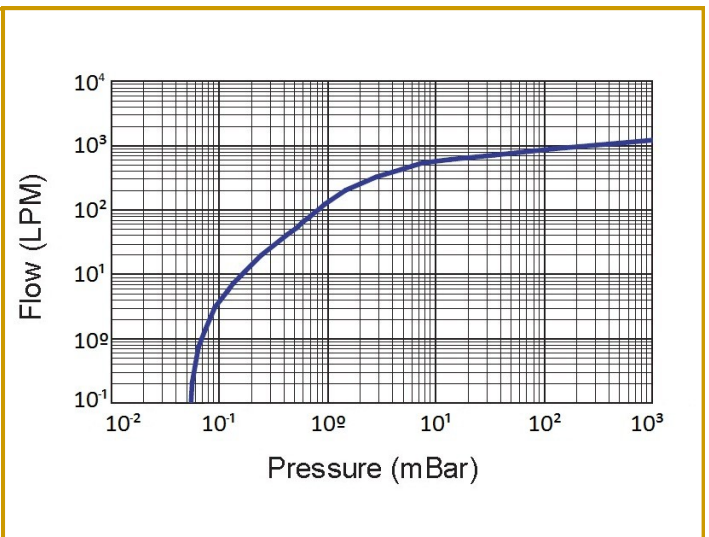
Characteristics:

- ◆ Design with unique floating scroll technology
- ◆ Maintenance-free
No tip seal or diaphragm needing replacement
- ◆ No oil in gas passage
- ◆ High reliability
- ◆ High energy efficiency
- ◆ Low noise and low vibration
- ◆ Startup against air or vacuum

Dimensions:



Pumping speed:



Technical Data	SVT-0005-1000 SVT-001-1000 SVT-01-1000	SVT-0005-2000 * SVT-001-2000 * SVT-01-2000 *	SVT-0005-6000 ** SVT-001-6000 ** SVT-01-6000 **
Pumping Speed	1000 L/min (60m ³ /hr)	2000 L/min (120m ³ /hr)	6000 L/min (360m ³ /hr)
Ultimate pressure	≤ 0.005 mBar ≤ 0.01 mBar ≤ 0.1 mBar	≤ 0.005 mBar ≤ 0.01 mBar ≤ 0.1 mBar	≤ 0.005 mBar ≤ 0.01 mBar ≤ 0.1 mBar
Power consumption, Max.	1.5 kw	3.0 kw	9.0 kw
Motor type	Three-phase AC motor with frequency inverter	Three-phase AC motor with frequency inverter	Three-phase AC motor with frequency inverter
Voltage	Three phase 220/380/460V	Three phase 220/380/460V	Three phase 220/380/460V
Maximum speed	3,000 RPM	3,000 RPM	3,000 RPM
Noise level	60 dB(A)	63 dB(A)	70 dB(A)
Weight	100 kg/ 220 lb	220 kg/ 485 lb	650 kg/ 1433 lb
Dimensions (with case) L × W × H	884×450×654 mm	1040×690×1620 mm	2100×2100×1620 mm
	34.80×17.72×25.75 inch	40.94×27.17×63.78 inch	82.68×82.68×63.78 inch
Inlet connection	DN 50 KF	ISO 63	DN 100 KF
Outlet connection	DN 50 KF	ISO 63	DN 100 KF
Cooling system	Air Cooled	Air Cooled	Air Cooled
Ambient temperature	-40°F To 104°F	-40 °F To 104°F	-40°F To 104°F
	-40°C To 40°C	-40°C To 40°C	-40°C To 40°C
Options upon request	1. Case with control system is optional; 2. Inlet and outlet connectors are optional to customer needs;	1. Case with control system is optional; 2. Inlet and outlet connectors are optional to customer needs;	1. Case with control system is optional; 2. Inlet and outlet connectors are optional to customer needs;

*: 2 sets of SVT-X-1000 in parallel

** : 6 sets of SVT-X-1000 in parallel

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