



Vacuum Pumps America Inc.

Stainless Steel Dry Screw Vacuum Pumps VPA-STS series

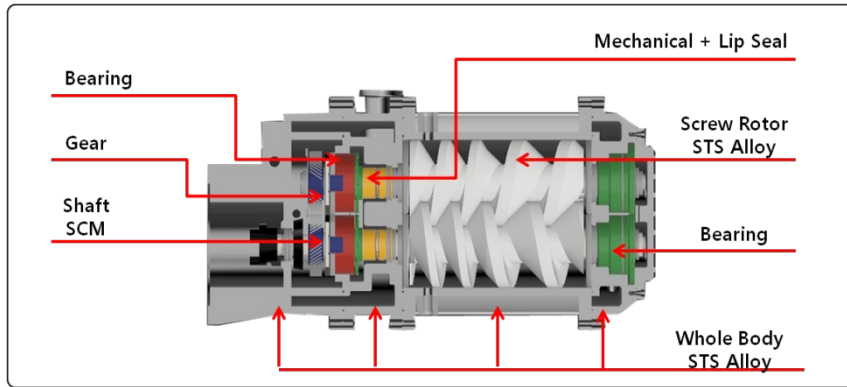


Features of Stainless Steel Dry Screw Vacuum Pumps VPA-STS series:

- **Robust:** VPA-STS series are made of stainless steel housing, stainless steel screw rotors, stainless steel front and end plates. All parts that come in contact with gases and vapors, corrosive gases and corrosive vapors and fumes are made of stainless steel. VPA-STS series are completely corrosion proof.
- **Flexible:** VPA-STS series can be made of SS304, SS304L, SS316, SS316L and DUPLEX stainless steel upon request.
- **Efficient and Reliable:** This patented stainless steel screw design with short gas path enables gases and vapors easily discharged to the exhaust and eliminate residue in the vacuum pump. Stainless steel inlet filters are available upon request for dusty applications.
- **Multipurpose:** VPA-STS series can be used in any application. Suitable for pumping any type of gas and vapor, highly corrosive and very harsh, aggressive organic and inorganic gases and vapors.
- **Eco-Friendly:** No Oil or Water used as pumping medium. Therefore, there will be no oil or water waste. Very low operation costs.
- **Efficient cooling water design:** Patented cooling water design ensures long pump life that satisfies the T4 requirements for using in hazardous area safely.
- **Explosion Proof:** Compatible with NEMA Explosion Proof and ATEX derivatives.
- VPA-STS Stainless steel dry screw vacuum pumps are available with TEFC, Explosion Proof, Stainless Steel and ATEX motors at different voltages. Like: 208V, 230V, 460V, 575V@ 60Hz and 380V@ 50Hz with CSA, UL and CE approval respectively.
- Explosion Proof Stainless Steel Dry Screw Vacuum Pump, VPA-STS /Ex series .
- ATEX Stainless Steel Dry Screw Vacuum Pumps, VPA-STS /ATEX series .
- Integrated Nitrogen purge system.

For more information, Please contact: 416-407-0350 or E-mail: sales@vpamerica.com

Technical specifications for Stainless Steel Dry Screw Vacuum Pumps VPA-STS series:



Model	Pumping Speed m ³ /h		Ultimate Pressure Torr	Motor Power (KW)	RPM		Port Size * (mm)		Oil Capacity (L)	Cooling Water (L/ min)	Nitrogen purge pressure (PSI)	Nitrogen purge flow for seals (slm)	Nitrogen purge flow for dilution (slm)	Noise level (dB)	Weight Pump only Approx (Kg).
	50Hz	60Hz			50Hz/60Hz	Inlet / Outlet									
VPA-STS150 & VPA-STS150/Ex	125	150	5 x 10 ⁻²	5.5	2900	3500	40	40	2	3 to 6	7.25 to 29	20 to 50	0 to 50	65	330
VPA-STS300 & VPA-STS300/Ex	250	300	5 x 10 ⁻²	7.5	2900	3500	50	40	2.5	6 to 10	7.25 to 29	20 to 50	0 to 50	69	420
VPA-STS800 & VPA-STS800/Ex	660	800	5 x 10 ⁻²	18.5	2900	3500	100	65	4.5	15 to 18	7.25 to 29	20 to 50	0 to 50	72	825

* Any type of port with any type of flange and standards available upon request.

Dimensional drawings for VPA-STS Stainless Steel Dry Screw Vacuum Pumps:

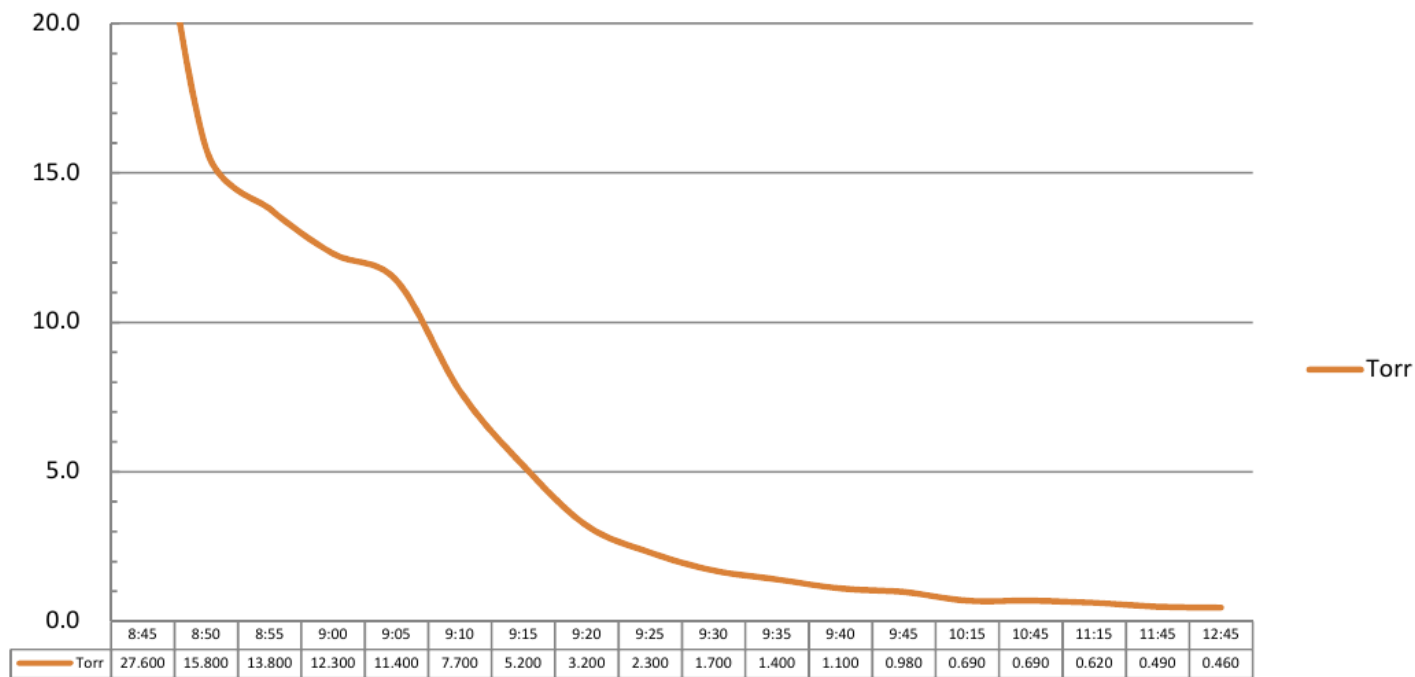


Model	L*	W	H
VPA-STS150	739	352	278
VPA-STS300	826	438	368
VPA-STS800	1110	544	433

All dimensions are in mm.

***Pump only without motor**

Pumping speed curve for VPA-ST300 Stainless Steel Dry Screw Vacuum Pumps:



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