

## Vacuum Pumps America Inc.

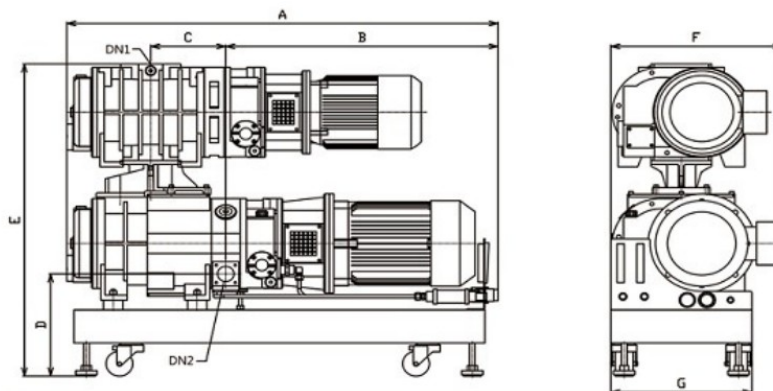
### Dry Vacuum Pumping Station VPA-SSRT700 & VPA-SSRT700/Ex

Parameters		Units	Data
Pumping Speed (FAD)	50 Hz	M <sup>3</sup> /h	620
	60 Hz		700
Ultimate Vacuum		mbar	1×10 <sup>-3</sup>
Total Power Consumption		kW	5.9
Standard Inlet Flange		--	ISO-100
Standard Outlet Flange		--	KF40
Total oil capacity		L	0.45+0.45
Cooling water for VPA-SS100		L/min	3
Ambient Temp.		°C	5~40



VPA-SSRT700 is the combination of two vacuum pumps. VPA-SS100, which is water cooled dry screw vacuum pump and VPA-RT900, which is air cooled roots vacuum pump. This system can create higher pumping speed with higher vacuum (lower pressure). VPA-SSRT700 is water cooled.

- Explosion proof version will be VPA-SSRT700/Ex, available with explosion proof motors for both vacuum pumps and explosion proof control panel upon request.
- Compact design with small foot print.
- Low power consumption.
- Can handle all type of gases, fumes and vapors.
- Turnkey system with regular or Explosion proof control panel available upon request.



Model	A	B	C	D	E	F	G
VPA-SSRT700	1041	653	201	274	774	400	340

Dimensional drawing of VPA-SSRT700 Dry Vacuum Pumping Station. All dimensions are in mm.

For more information, please contact Vacuum Pumps America Inc. by e-mail: [sales@vpamerica.com](mailto:sales@vpamerica.com) or phone: 416-407-0350

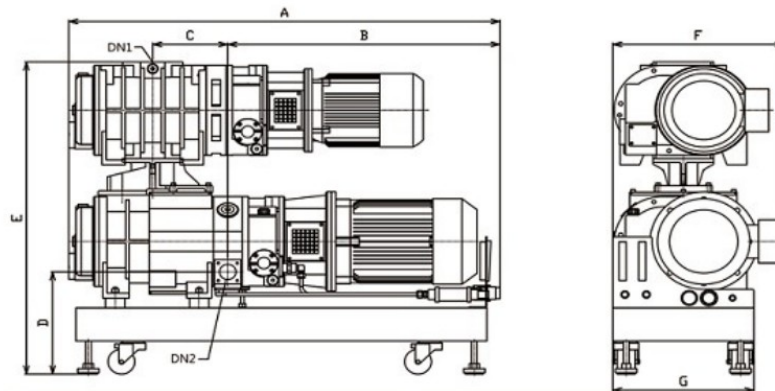
## Dry Vacuum Pumping Station VPA-SSRT1300 & VPA-SSRT1300/Ex

Parameters		Units	Data
Pumping Speed (FAD)	50 Hz	M <sup>3</sup> /h	1250
	60 Hz		1300
Ultimate Vacuum		mbar	1×10 <sup>-3</sup>
Total Power Consumption		kW	9.2
Standard Inlet Flange		--	ISO-100
Standard Outlet Flange		--	KF50
Total oil capacity		L	1 + 1.35
Cooling water for VPA-SS180		L/min	4
Ambient Temp.		°C	5~40



VPA-SSRT1300 is the combination of two vacuum pumps. VPA-SS180, which is water cooled dry screw vacuum pump and VPA-RT1500, which is air cooled Roots vacuum pump. This system can create higher pumping speed with higher vacuum (lower pressure). VPA-SSRT1300 is water cooled.

- Explosion proof version will be VPA-SSRT1300/Ex, available with explosion proof motors for both vacuum pumps and explosion proof control panel upon request.
- Compact design with small foot print.
- Low power consumption.
- Can handle all type of gases, fumes and vapors.
- Turnkey system with regular or Explosion proof control panel available upon request.



Model	A	B	C	D	E	F	G
VPA-SSRT1300	1207	762	210	309	944	480	395

Dimensional drawing of VPA-SSRT1300 Dry Vacuum Pumping Station. All dimensions are in mm.

For more information, please contact Vacuum Pumps America Inc. by e-mail: [sales@vpamerica.com](mailto:sales@vpamerica.com) or phone: 416-407-0350

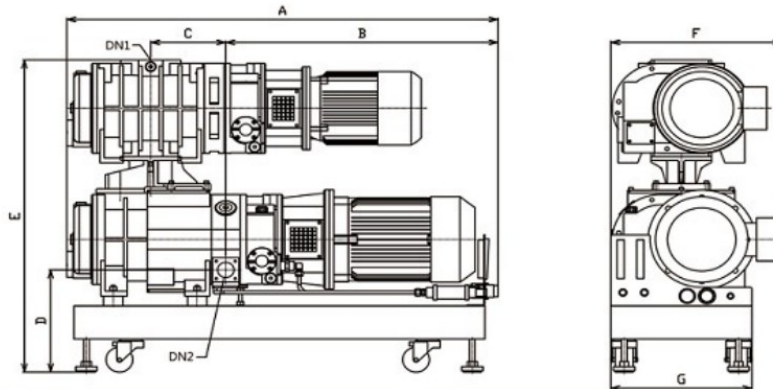
## Dry Vacuum Pumping Station VPA-SSRT1800 & VPA-SSRT1800/Ex

Parameters		Units	Data
Pumping Speed (FAD)	50 Hz	M <sup>3</sup> /h	1667
	60 Hz		1800
Ultimate Vacuum		mbar	1×10 <sup>-3</sup>
Total Power Consumption		kW	11
Standard Inlet Flange		--	ISO-100
Standard Outlet Flange		--	KF50
Total oil capacity		L	1 + 1.35
Cooling water for VPA-SS180		L/min	4
Ambient Temp.		°C	5~40



VPA-SSRT1800 is the combination of two vacuum pumps. VPA-SS180 which is water cooled dry screw vacuum pump and VPA-RT2000, which is air cooled Roots vacuum pump. This system creates higher pumping speed with higher vacuum (lower pressure). This system is water cooled.

- Explosion proof version will be VPA-SSRT1800/Ex, available with explosion proof motors for both vacuum pumps and explosion proof control panel upon request.
- Compact design with small foot print.
- Low power consumption.
- Can handle all type of gases, fumes and vapors.
- Turnkey system with regular or Explosion proof control panel available upon request.



Model	A	B	C	D	E	F	G
VPA-SSRT1800	1252	762	210	309	939	480	395

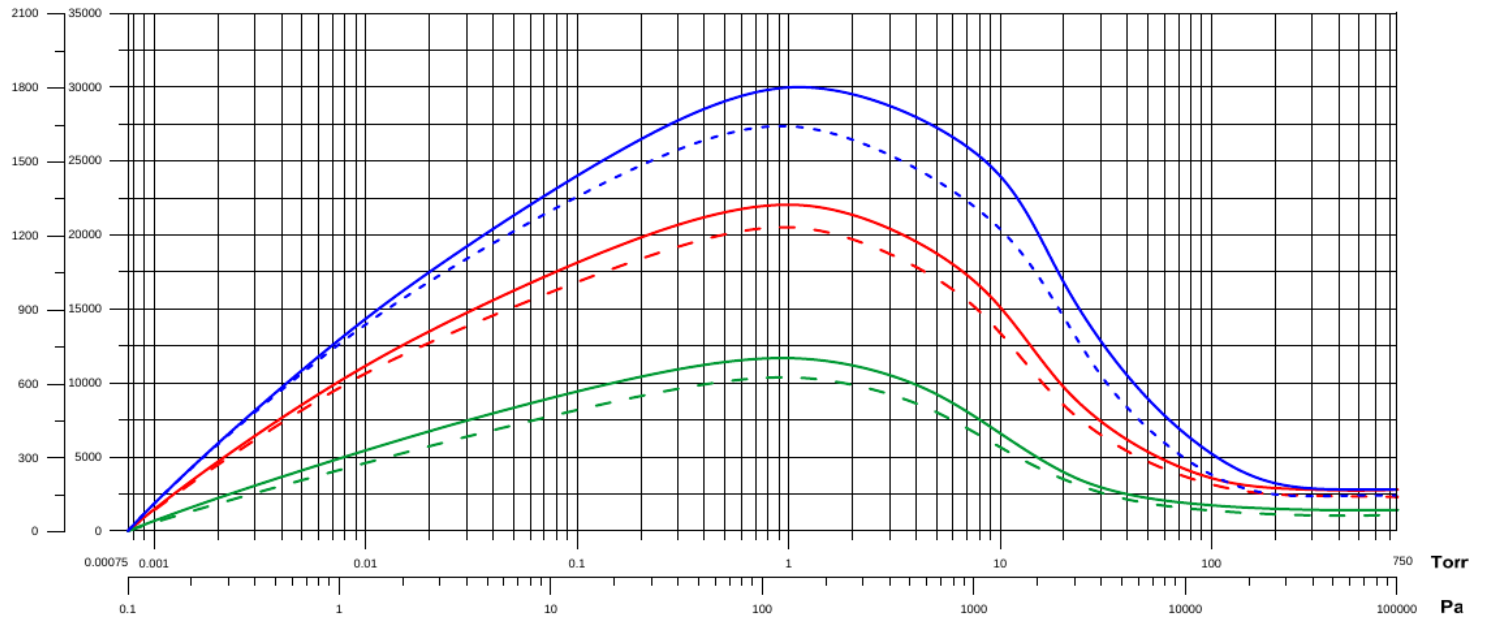
Dimensional drawing of VPA-SSRT1800 Dry Vacuum Pumping Station. All dimensions are in mm.

For more information, please contact Vacuum Pumps America Inc. by e-mail: [sales@vpamerica.com](mailto:sales@vpamerica.com) or phone: 416-407-0350

# Pumping speed curves for standard dry vacuum pumping stations

Pumping Speed

m<sup>3</sup>/hr L/min



VPA-SSRT700  
VPA-SSRT1300  
VPA-SSRT1800

— 60Hz  
- - - 50Hz

Other combinations of VPA-SS dry screw vacuum pumps with VPA-RT Roots vacuum pumps available upon request for creating higher pumping speed, higher throughputs at lower pressures.

For more information, please contact Vacuum Pumps America Inc. by e-mail: [sales@vpamerica.com](mailto:sales@vpamerica.com) or phone: 416-407-0350