

SVF-20

Miniature Dry Floating Scroll Vacuum Pump

- Patent protected Floating Scroll Technology.
- 100% oil free .
- Maintenance free.
- Compact size ideal for portable equipment.

Applications

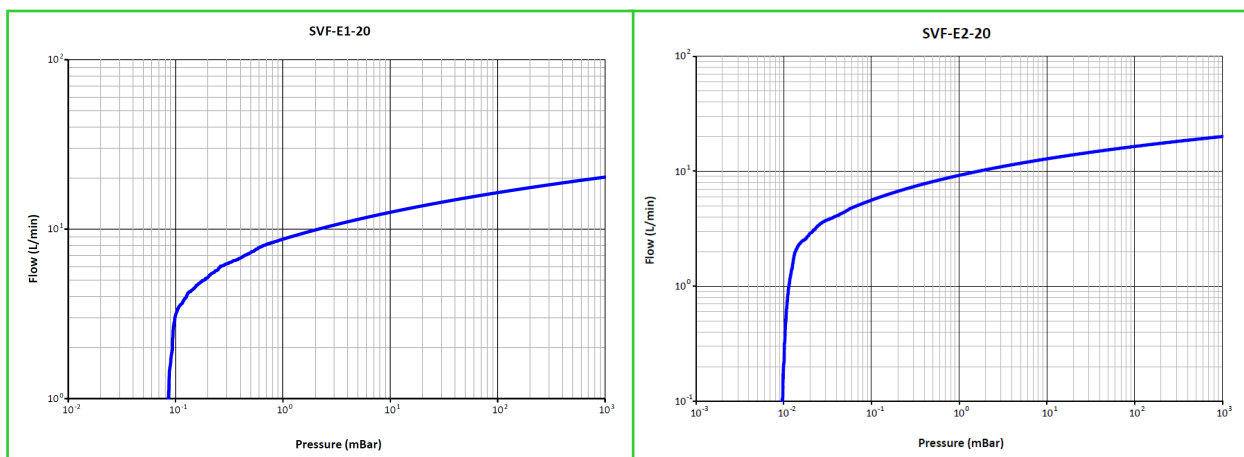
Analytical instrumentation , laboratories , backing pump for turbo pumps , practically in all areas in which clean vacuum is needed .



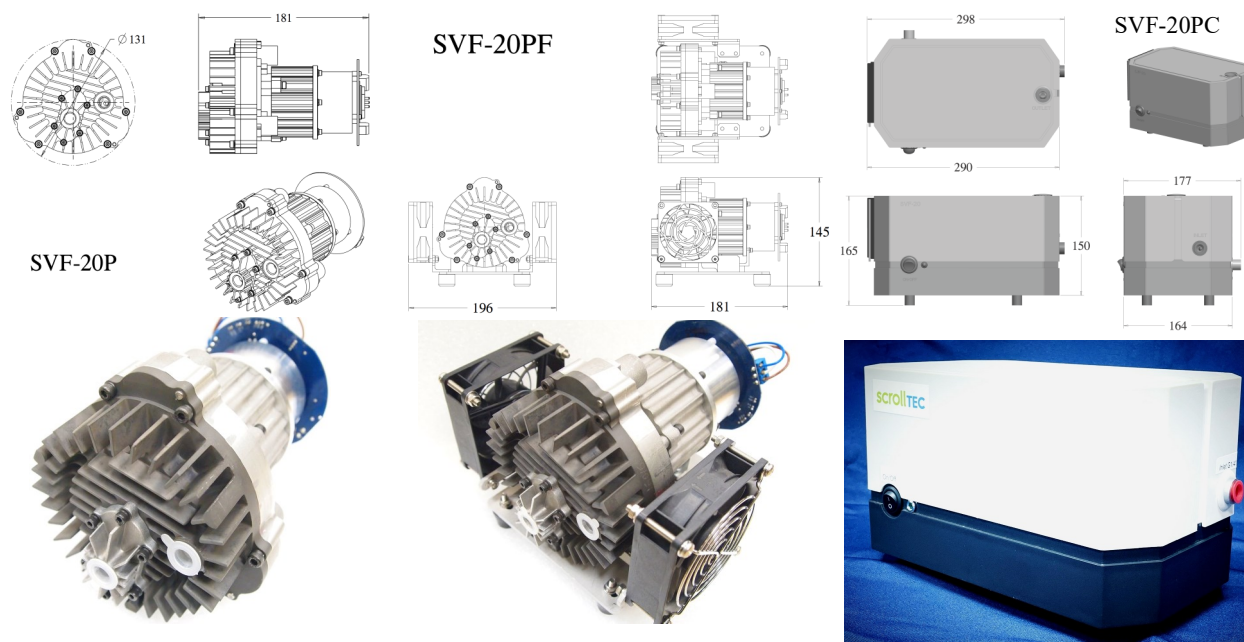
Technical Data

Model	SVF-E0-20	SVF-E1-20	SVF-E2-20
Pump Speed	20 L/min	20 L/min	20 L/min
Ultimate Pressure	≤ 1 mbar (100 Pa)	≤ 0.1 mbar (10 Pa)	≤ 0.01 mbar (1 Pa)
Power	70 W	70W	70W
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
Voltage to Motor Drive	24 VDC	24 VDC	24 VDC
AC Input Voltage to Power Adapter	100 - 240 VAC	100 - 240 VAC	100 - 240 VAC
Maximum Speed	4500 RPM	4500 RPM	4500 RPM
Vapor Tolerance	Unlimited	Unlimited	Unlimited
Startup Pressure Limit	No	No	No
Maximum Outlet Pressure	1 barg	1 barg	1 barg
Noise Level (P)	60 dB(A)	60 dB(A)	60 dB(A)
Noise Level (PF)	55 dB(A)	55 dB(A)	55 dB(A)
Weight (P)	2.1 kg	2.1 kg	2.1 kg
Weight (PF)	4.5 kg	4.5 kg	4.5 kg
Dimensions (P)	184×132×132mm	184×132×132mm	184×132×132mm
Dimensions (PF)	294×200×165mm	294×200×165mm	294×200×165mm
Inlet/Outlet Interface	G 1/4"	G 1/4"	G 1/4"
Cooling System	Air - Cooled	Air - Cooled	Air - Cooled
Ambient Temperature	-40°C to +50°C	-40°C to +50°C	-40°C to +50°C

Pumping Curve



Dimensions (mm)& Product Image



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Innovative Oil-Free
Floating Scroll Technology

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