

SVF-20

Miniature Dry Floating Scroll Vacuum Pump

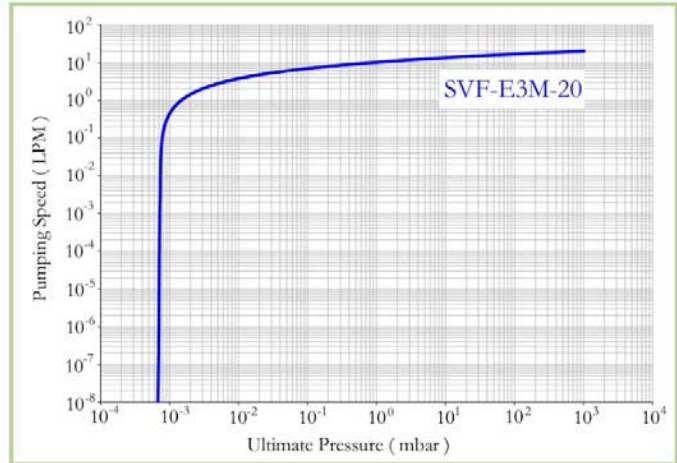
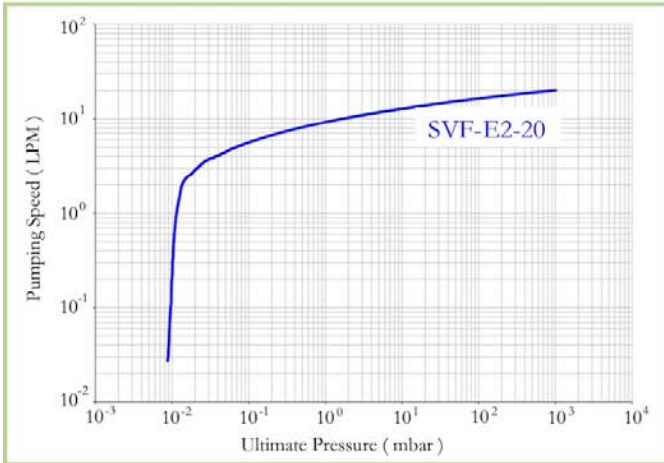
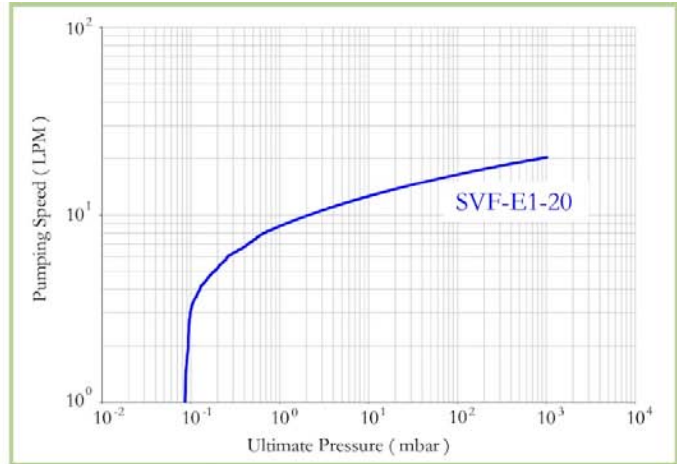
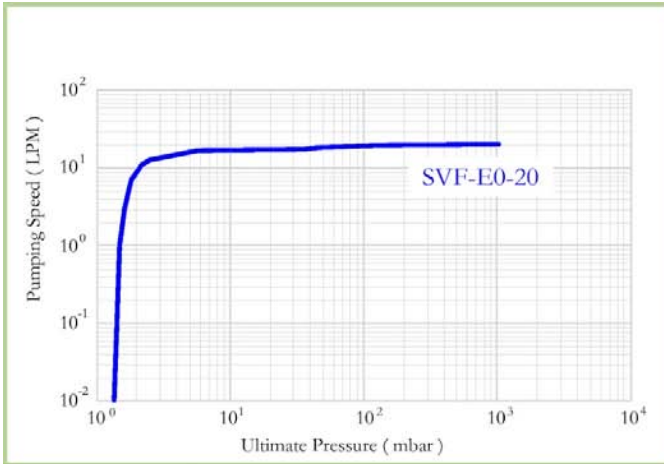
- ❑ Patent protected Floating Scroll Technology
- ❑ 100% Oil Free; Maintenance Free
- ❑ Compact size ideal for portable equipments
- ❑ Applications : Analytical instrumentation, Laboratories, Backing pump for turbopumps, Practically in all areas in which clean vacuum is needed



Technical Data

Model	SVF-E0-20	SVF-E1-20	SVF-E2-20	SVF-E3M-20
Ultimate Pressure	≤ 1 mbar (100 Pa)	≤ 0.1 mbar (10 Pa)	≤ 0.01 mbar (1 Pa)	≤ 0.005 mbar (0.5 Pa)
Pumping Speed	20 L/min (1.2 m ³ /h)	20 L/min (1.2 m ³ /h)	20 L/min (1.2 m ³ /h)	20 L/min (1.2 m ³ /h)
Power Consumption	70 W	70 W	70 W	70 W
Motor Type	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor	Brushless DC Motor
DC Voltage	24 VDC	24 VDC	24 VDC	24 VDC
AC Voltage (with adapter)	100-240 VAC	100-240 VAC	100-240 VAC	100-240 VAC
Maximum Speed	4,500 RPM	4,500 RPM	4,500 RPM	4,500 RPM
Vapor Tolerance	Unlimited	Unlimited	Unlimited	Unlimited
Max. Inlet Pressure	Unlimited	Unlimited	Unlimited	Unlimited
Max. Outlet Pressure	1 barg	1 barg	1 barg	1 barg
Noise (OEM1&2)	60 dB(A)	60 dB(A)	60 dB(A)	60 dB(A)
Noise (With Case)	55 dB(A)	55 dB(A)	55 dB(A)	55 dB(A)
Weight (OEM1/2)	2.1 kg /2.7 kg	2.1 kg /2.7 kg	2.1 kg /2.7 kg	2.1 kg /2.7 kg
Weight (With Case)	4.5 kg	4.5 kg	4.5 kg	4.5 kg
Dimensions (OEM1/2)	184×132×132 mm 243×132×132 mm	184×132×132 mm 243×132×132 mm	184×132×132 mm 243×132×132 mm	184×132×132 mm 243×132×132 mm
Dimensions (With Case)	294×200×165 mm	294×200×165 mm	294×200×165 mm	294×200×165 mm
Inlet/Outlet Connection	G 1/4"	G 1/4"	G 1/4"	G 1/4"
Cooling System	Air-Cooled	Air-Cooled	Air-Cooled	Air-Cooled
Ambient Temperature	-40°C to 50°C	-40°C to 50°C	-40°C to 50°C	-40°C to 50°C

Pumping Curve



Dimensions (mm) & Product Images

