

# US VACUUM

## General Purpose Dry Screw Vacuum Pump



The SVP series is a positive displacement, air-cooled, rotary screw type, dry running non-contacting vacuum pump. The non-contact design eliminates internal wear and maintenance resulting in a highly reliable and durable pump. No cooling water or sealing oil is required in the pumping chamber resulting in a clean and oil-free exhaust environment.

The pump incorporates two screw shaped rotors that rotate in opposite directions to compress and move the process air through the pump and to the exhaust muffler/silencer. The rotors are synchronized by precision timing gears that are splash lubricated for a long and trouble-free life.

The pumps come standard with three phase TEFC motor, Explosion-proof optional. Standard accessories include pump, electric motor, inlet screen and mounting feet.

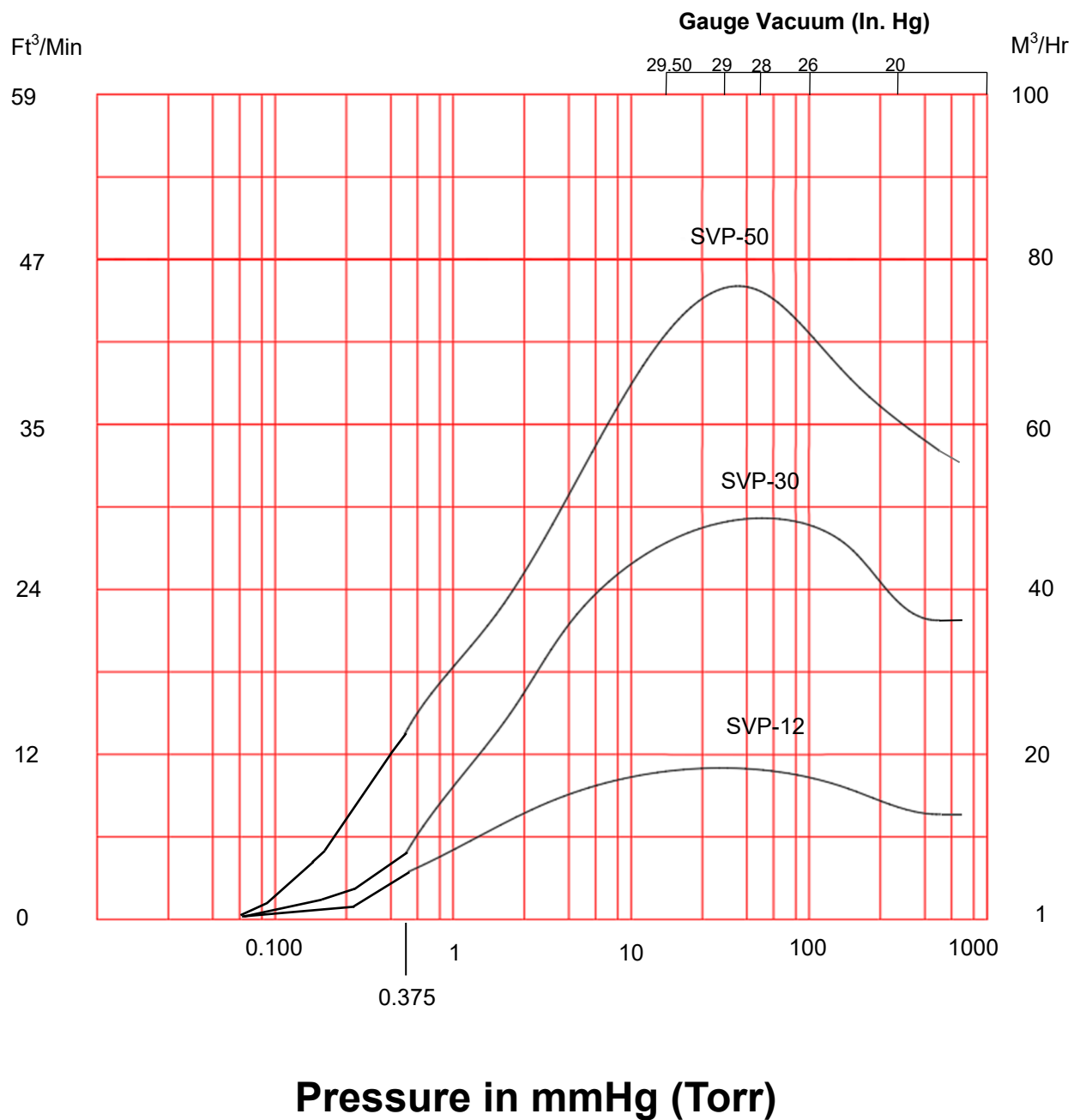
### FEATURES

- Max Vac to 0.030mmHg (Torr)
- Air-Cooled operation
- Oil-Free (Dry) pumping chamber
- Very low maintenance required
- Simple single-stage design
- Suitable for variable speed drives



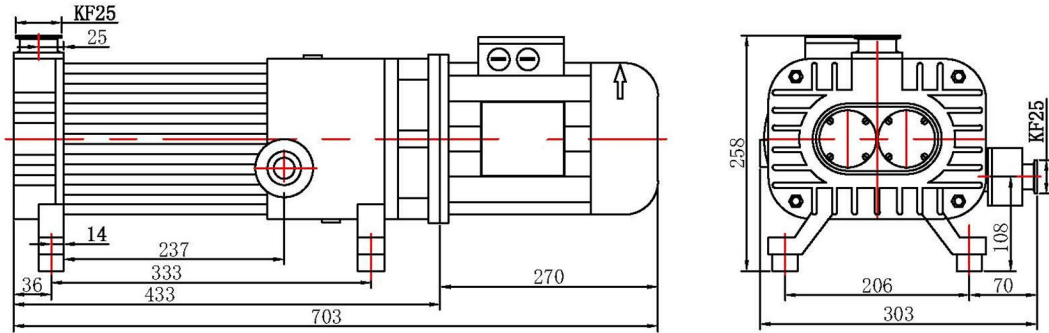
PUMP MODEL		SVP-12	SVP-30	SVP-50
Nominal Capacity	CFM	12	27	47
Speed	RPM	3450	3450	3450
Motor-Hp	HP	1.5	2	3
Noise level at 60 Torr	db(A)	71	72	73
Inlet Connection	Inch	KF25 (1")	KF40(1.5")	
Discharge Connection	Inch	KF25 (1")		
Ultimate Vacuum Continuous	Torr	0.030 mmHg (Torr)		

# PERFORMANCE SVP 12/30/50

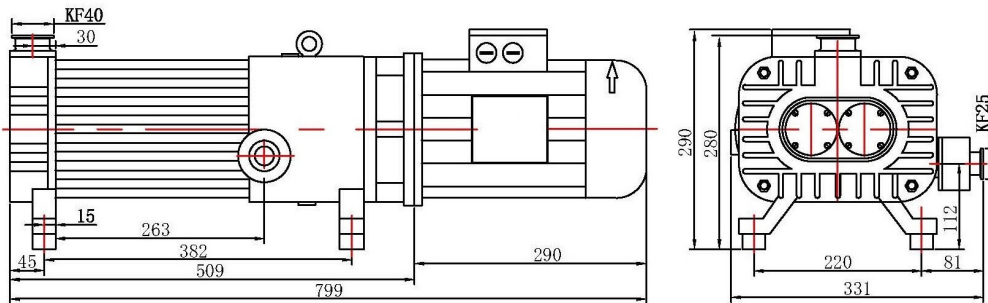


# DIMENSIONS (mm)

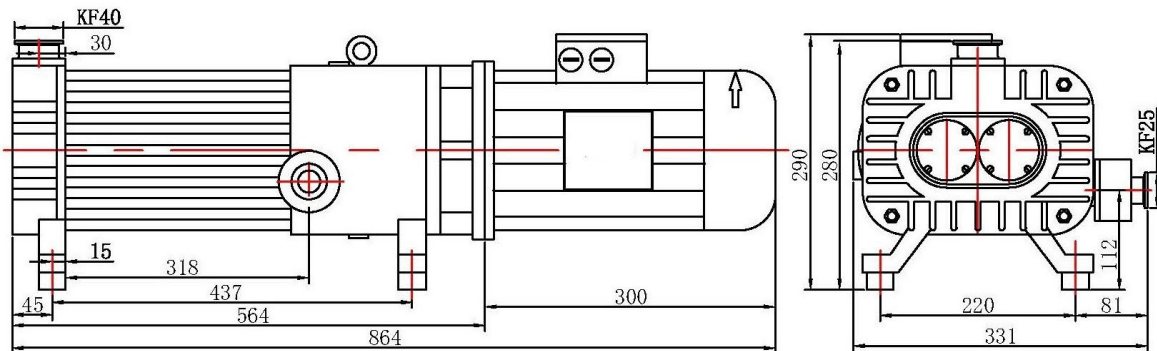
## SVP12



## SVP 30



## SVP 50



Inches = mm/25.4

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