



Agilent TriScroll 300, 600

Technical Specifications

		TriScroll 300	TriScroll 600
Pumping speed	60 Hz L/min, m ³ /h 50 Hz L/min, m ³ /h	250, 15 210, 12.6	500, 30 420, 25.2
Ultimate pressure, mbar (Torr)		1.3 x 10 ⁻² (1 x 10 ⁻²)	9.3 x 10 ⁻³ (7 x 10 ⁻³)
Maximum inlet pressure, atm (psig)		1.0 (0)	1.0 (0)
Maximum outlet pressure, atm (psig)		1.1 (1.5)	1.1 (1.5)
Inlet connection		NW25	NW40
Exhaust connection		NW16	NW25
Gas ballast		¼-inch female NPT	¼-inch female NPT
Motor rating (1 phase), HP (kW)		0.75 (0.56)	1.0 (0.76)
Operating voltages (610 %)	1Ø 60 Hz 50 Hz 3Ø 60 Hz 50 Hz	100-115, 200-230 V 100-115, 200-230 V 200-230, 460 V 200-230, 380-415 V	100-115, 200-230 V 100-115, 200-230 V 200-230, 460 V 200-230, 380-415 V
Motor thermal protection		Type U automatic	Type U automatic
Operating speed	60 Hz (rpm) 50 Hz (rpm)	1725 1425	1725 1425
Cooling system		Air-cooled	Air-cooled
Ambient operating temperature, °C (°F)		5 to 40 (41 to 104)	5 to 40 (41 to 104)
Storage temperature, °C (°F)		-20 to 60 (-4 to 140)	-20 to 60 (-4 to 140)
Weight pump only, kg (lb)		26.4 (57)	32 (70)
Shipping weight, kg (lb)		34.2 (75)	40 (87)
Noise level (per ISO 11201), dB		68	68
Vibration level (per ISO 10816 ⁻¹) mm/s		6.3	6.3



PROVAC

SALES

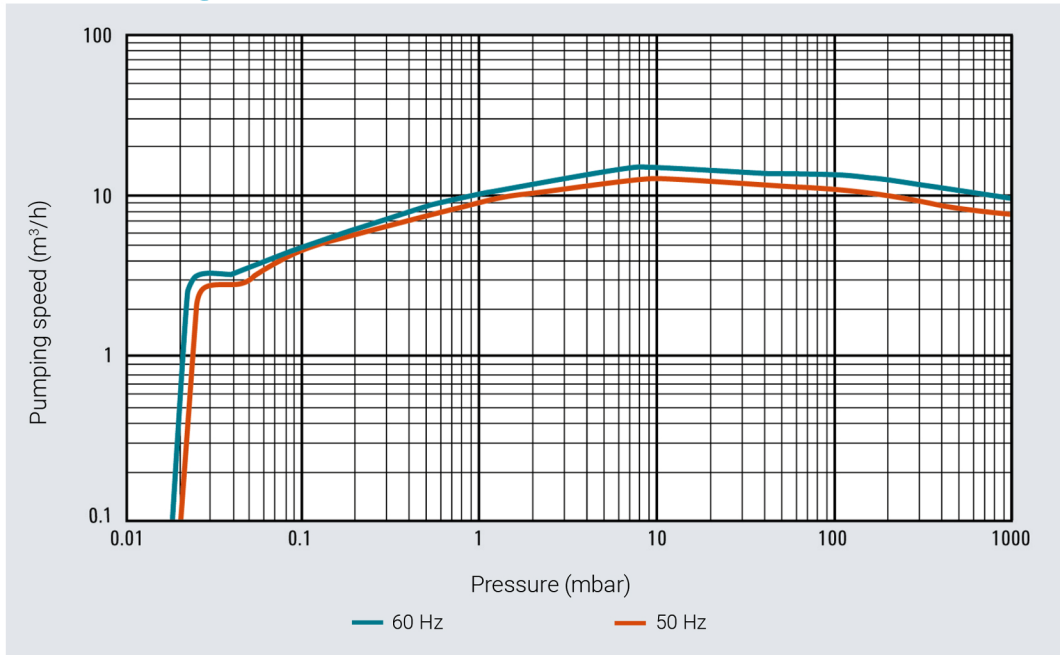
PHONE: 831-462-8900

FAX: 831-462-3536

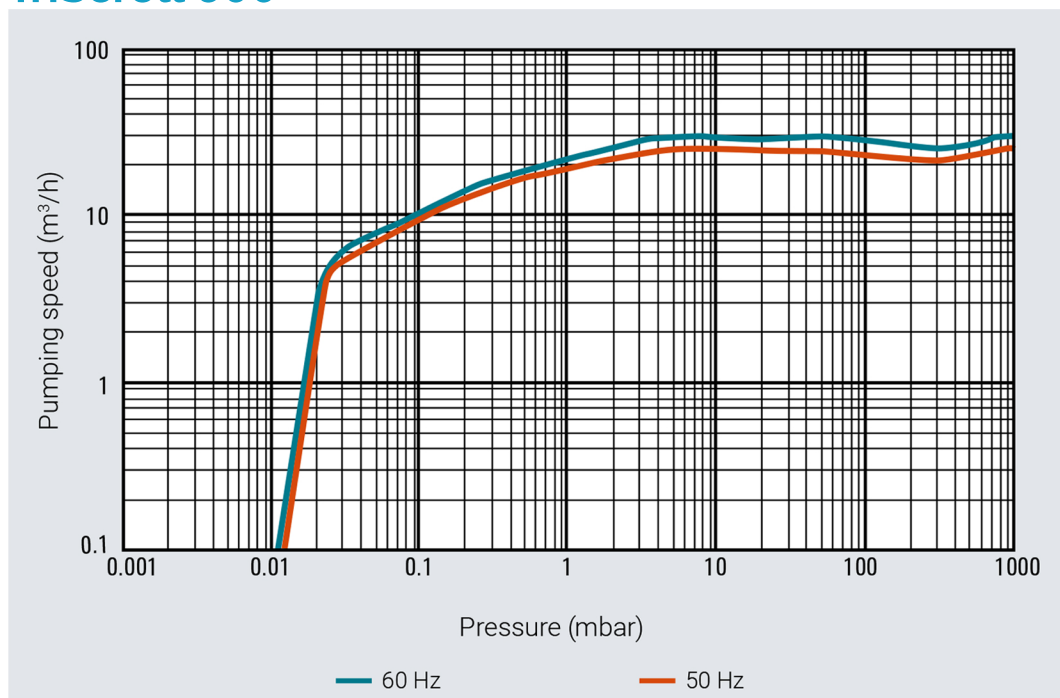
WWW.PROVAC.COM

Agilent TriScroll 300, 600 Pumping Curves

TriScroll 300



TriScroll 600





PROVAC

SALES

PHONE: 831-462-8900

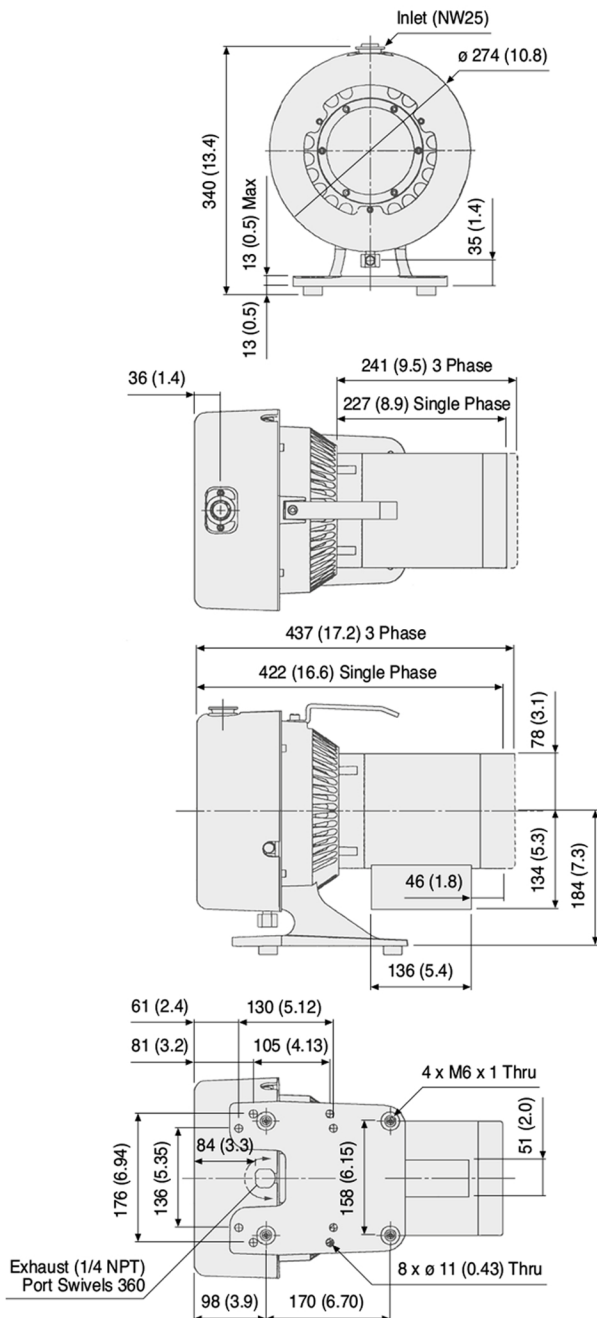
FAX: 831-462-3536

WWW.PROVAC.COM

Agilent TriScroll 300, 600

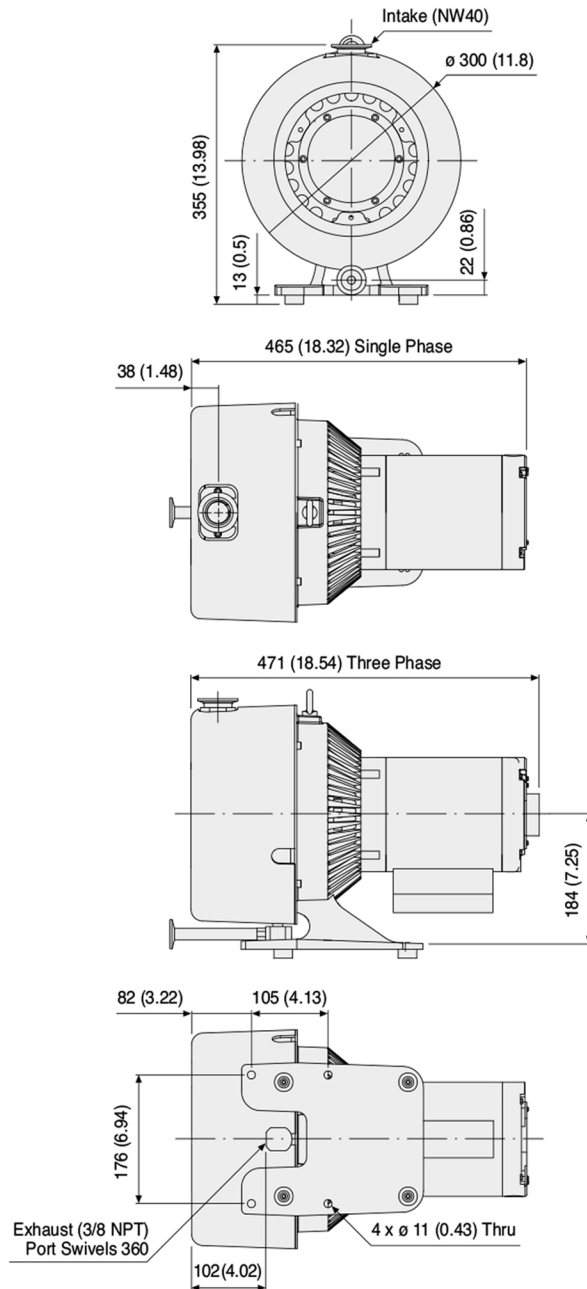
Dimensions

TriScroll 300



Dimensions: millimeters (inches)

TriScroll 600



Dimensions: millimeters (inches)



PROVAC

SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Agilent TriScroll 300, 600

Features & Benefits

- anti-suckback valve and vent device
- forced oil circulation / air ventilation
- universal voltage and frequency
- large pumping capacity
- green technology
- built-in oil shield
- low power requirements



Applications

- scanning electron microscopes
- laboratory
- load locks
- transfer chambers
- beam lines
- drying ovens
- cryogenics
- manufacturing
- glove box
- backing pump
- leak detection