



Agilent TriScroll 800

Technical Specifications

Pumping speed @ 60 Hz	760 l/m, 48 m ³ /hr, 28.3 cfm (at 60 Hz drive frequency, variable)
Ultimate pressure	<1.3 x 10 ⁻¹ mbar (1.0 x 10 ⁻¹ Torr)
Maximum inlet pressure	1.0 atmosphere (0 psig) transient, 100 Torr steady state
Maximum outlet pressure	1.1 atmosphere (1.5 psig)
Inlet connection	NW40
Exhaust connection	3/8" Female NPT with swivel (NW25 adapter provided)
Exhaust connection adapter	NW 25 KF adapter provided
Gas ballast	1/4" Female NPT (shipped with port plug installed)
Operating voltages	200-240V, 1Ø, 50/60Hz
Maximum line current	200V; 6 A 240V; 5 A
Weight – pump only	32 kg (71 lbs)
Compliance	CE, CSA/CUS





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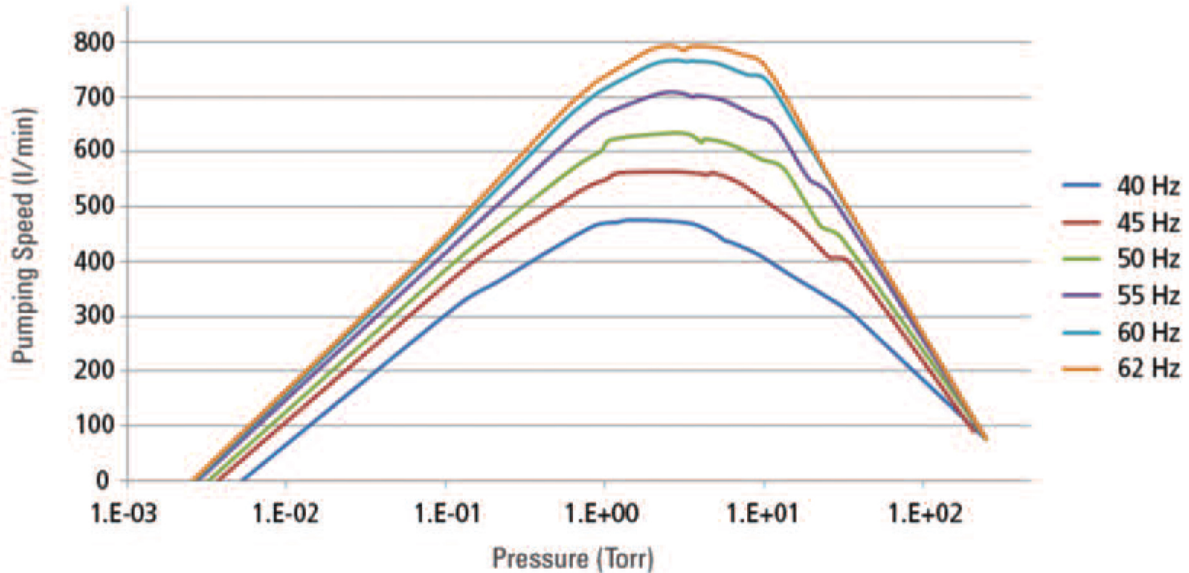
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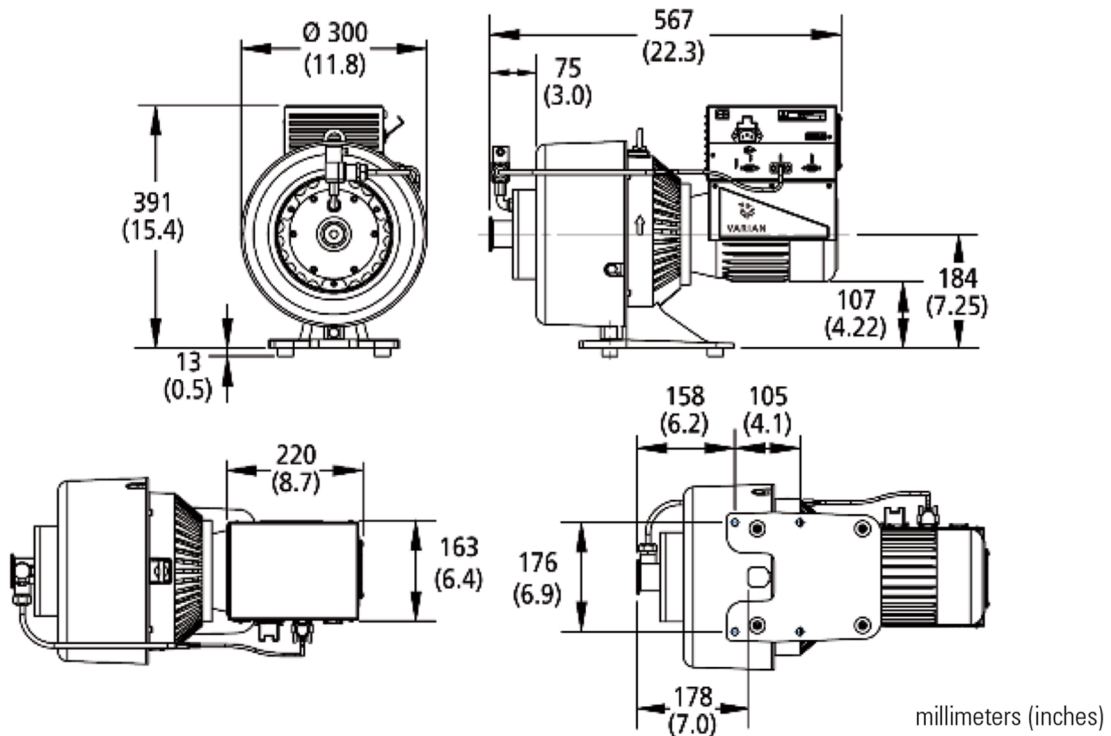
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Agilent TriScroll 800 Pumping Curves



Dimensions





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Features & Benefits

- universal voltage and frequency
- large pumping capacity
- clean, quiet, reliable
- compact design
- low power requirements
- multi-stage, oil-free
- integrated inlet valve
- solid tip seal
- high pumping speed/low ultimate pressure

Applications

- steady & high gas load applications • LC/MS & TOFMS where high pumping speeds are required • scanning electron microscopes
- primary backing pump for turbo systems • general purpose laboratory applications • beam lines • drying ovens • manufacturing/glove box enclosures • load locks & transfer chambers • cryogenics • leak detection