



Varian TV-450A

Technical Specifications

	N ₂	He	H ₂
Pumping Speed //s:	470	530	490
Compression Ratio:	1x10 ⁹	3x10 ⁴	2x10 ³
Base Pressure:	4x10 ⁻¹⁰ Torr (5x10 ⁻¹⁰ mbar)		
Rotational Speed:	36,000		
Recommended Forepump:	SD-300		
Start-up Time:	3 minutes		
Operating Position:	Vertical or Inverted		
Interstage Vent Port:	NW10 KF		
Maximum Bakeout Temperature:	120°C at Inlet Flange		
Water Flow Rate:	30 l/h (0.13 gpm)		
Pressure:	2 - 4 bar (30 60 PSI)		
Temperature:	10° - 25°C		
Noise Level:	< 50 dB (A) at 1 M		
Operating Ambient Temperature:	5° - 35°C		
Weight:	25 kg		
Vibration Level:	<0.02 microns		



Pumping Curves

