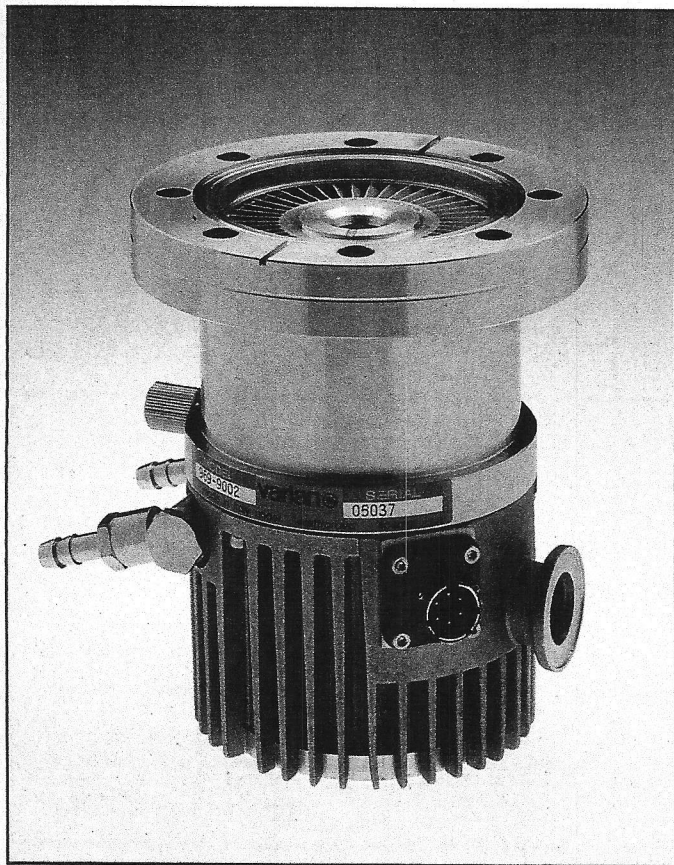


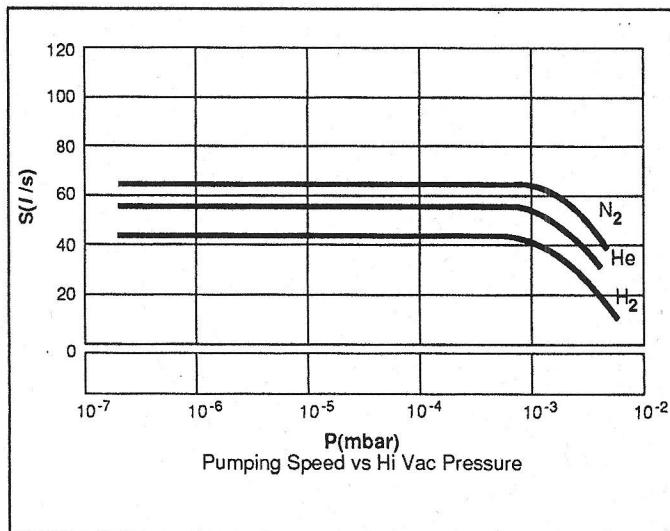
Turbo-V60 Turbomolecular Pump



NEW

**TWO YEAR
PUMP WARRANTY**

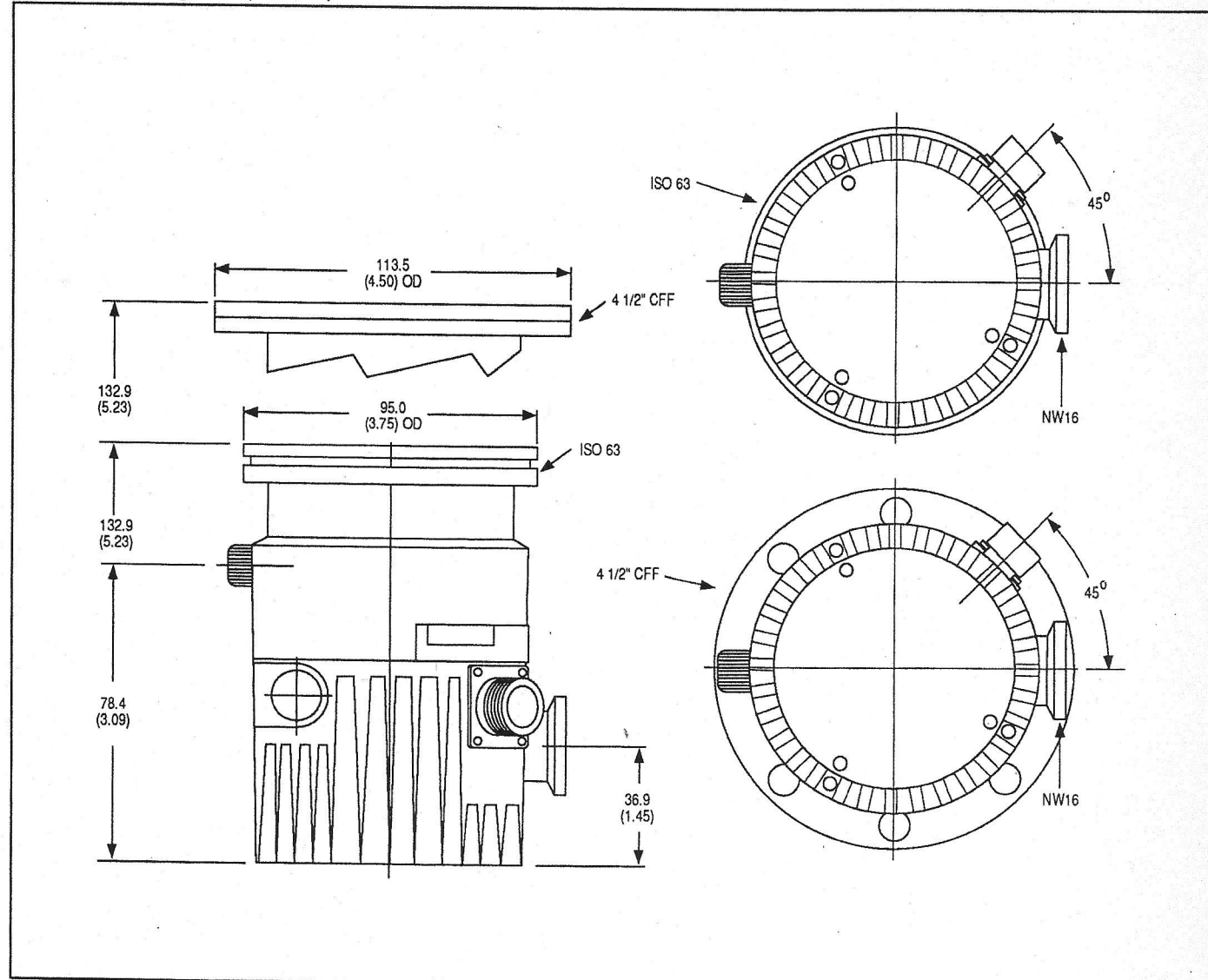
speed curve



specifications

	N ₂	He	H ₂
Pumping Speed l/s:	65	55	45
Compression Ratio:	5×10^7	4×10^3	4×10^2
Base Pressure:	8×10^{-10} Torr, (1×10^{-9} mbar)		
Rotational Speed:	70,000 RPM		
Recommended Forepump:	SD-40		
Start-up Time:	<60 seconds		
Operating Position:	Any		
Interstage Vent Port:	5 mm thread (M5)		
Maximum Bakeout Temperature:	120° C at inlet flange (CF version)		
Water Flow Rate:	10 l/h (0.05 gpm)		
Pressure:	2-4 bar (30-60 PSI)		
Temperature:	10°C to 30°C		
Noise Level:	< 45 dB (A) at 1 M		
Operating Ambient Temperature:	+5°C to +35°C		
Weight:	1.6 kg (ISO), 2.3 kg (CF)		
Vibration Level:	< 0.01 micron at inlet flange		

outline drawing mm(inches)



ordering information

	Order Number**	Shipping Wt. (lb/kg)	Price
Turbo-V60 Pump with ISO 63 inlet flange	969-9001	7/3.2	\$2,600
Turbo-V60 Pump with 4.5" CFF inlet flange	969-9002	10/4.5	2,700
Turbo-V60 Controller, 120V, 50-60 Hz and cables	969-9501	8/3.6	1,450
Turbo-V60 Controller, 220V, 50-60 Hz and cables	969-9401	8/3.6	1,450
Inlet Screen*	969-9300	1/0.5	50
accessories			
Vent Flange NW10 KF	969-9109	1/0.5	30
Vent Device with adjustable delay time	969-9831	5/2.2	1,095
Vent Valve with fixed delay time	969-9833	4/2	450
Emergency Vent Valve	969-9832	1/0.5	295
Air Cooling Kit	969-9310	5/2.2	210
Water Cooling Kit	969-9319	1/0.5	70
RS 232 Kit for V60 Controller	969-9851	0.5/0.2	180
Output mating connector for V60 Controller	969-9852	0.5/0.2	30
Heater band, 120V	969-9802	2/1	145
Heater band, 220V	969-9801	2/1	145
ISO 63/KF40 Adaptor	969-9110	4/2	170

* Optional inlet screen is highly recommended.

** Order controller and inlet screen separately. For controller description, see pages 118-119.