1000 l/min • 35 CFM • 60 m³/hr. Two Stage Rotary Vane Vacuum Pump

Features
- Extremely Quiet • Anti Suck Back Design
- Satisfaction Guaranteed • Two Year Warranty
- Virtually Vibration Free • Motors for Any Voltage
- Complies with Machinery Directive 98/37/EC

Applications
- Plasma Systems • Electron Microscopes
- Vacuum Ovens & Furnaces • Freeze Dryers
- Cluster Tool Load Locks • Backing TurboPumps
- Sputter & Deposition Systems

Pumping Speed @ 60 Hz
1000 l/min, 35 CFM, 60 m³/hr.

Pumping Speed @ 50 Hz
833 l/min, 29 CFM, 50 m³/hr.

Ultimate Pressure Gas Ballast Closed
5x10⁻⁶ Torr, 6.7x10⁻² Pa, .0006 mbar

Ultimate Pressure Gas Ballast Open
5x10⁻⁶ Torr, 6.7 Pascal, .06 mbar

Standard Motor, On/Off Switch, Circuit
230/380V, 3 phase, 2 hp, 50/60 Hz,

CE Mark, complies with
Machinery Directive 98/37/EC

Optional Motors
See ordering information

Power Connection
Junction Box

Motor speed @ 60 Hz
1700 r.p.m.

Noise Level
56 dB

Water Vapor Tolerance
40 mbar, 30 Torr

Oil capacity
4500 cc; 4.75 Qt.

Lifting Lugs (on center of gravity)
2 Rings, 3¼" (19 mm) ID, M8 Thread

Holes in Base for Lag Bolts
4 Holes, 0.5" (12 mm) 20°x7° (50x178)

Weight Net: 176 lbs., 80 kg
Shipping: 276 lbs., 125 kg

Intake & exhaust type/diameter
NW-40 standard
(Contact factory for more options)

Inlet Screen
Cone Shaped Removable Screen

Ambient operating temperature
7° to 40°C, 45° to 104°F

Ordering Information

MODEL 1000-35 Vacuum Pump With Motor:
Note: Tolerance is ± 10% of nominal value for all voltages.
200V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)
p/n 1000-CE-200 50/60......................................................$8200
220/380V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)
p/n 1000-CE-380 50/60......................................................$8200
230/460V, 50/60 Hz, 3 phase, 1.5 kw (2 hp)
p/n 1000-CE-230-460 50/60......................................................$8200
Fomblin: For pumps filled with Fomblin PFPE fluid YL VAC 16/6
add to p/n “Fomblin” and increase the price to......................... $11,032

Vacuum Research Corporation | Pittsburgh, PA 15238 | www.vacuumresearch.com | Phone: 800-426-9340