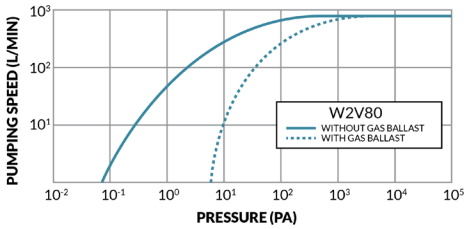
LACO TECHNOLOGIES

W2V80 HIGH VACUUM PUMP

The W2V80 rotary vane vacuum pump features a rugged, two-stage, air-cooled design and is capable of pumping speeds of 28 cfm and producing an ultimate vacuum of 10^{-3} Torr. Lightweight, quiet, and compact, the W2V80 features an anti-suckback and gas ballast valve, quick disconnect ISO/KF fittings, and is ideal for a variety of applications.



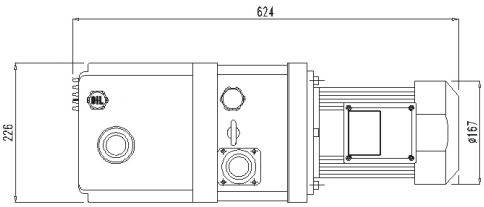
BENEFITS

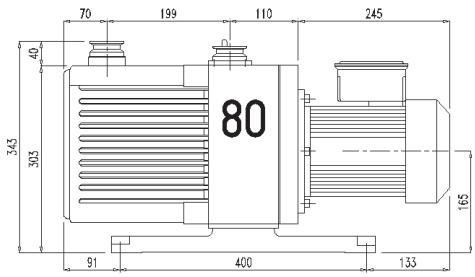
- Well ventilated, cool running pumps minimize oil backstreaming and thermal degradation
- Positive oil feed system enables optimal pump lubrication
- Rugged, well-known design makes pump easy to maintain
- Low operating costs

APPLICATIONS

- Vacuum degassing
- Cylinder filling
- Sampling applications
- AC & refrigeration evacuation
- Vacuum ovens & furnaces
- Sputter & deposition systems
- Freeze dryers
- Electron microscopes
- Backing turbo pumps

SPECIFICATIONS	
	DESCRIPTION
PUMPING SPEED @ 60 HZ	800 l/m, 28 cfm, 48 m^3/hr
PUMPING SPEED @ 50 HZ	666 l/m, 23 cfm, 40 m^3/hr
ULTIMATE PRESSURE (GAS BALLAST OPEN)	5 x 10^{-2} Torr
ULTIMATE PRESSURE (GAS BALLAST CLOSED)	1 x 10^{-3} Torr
STANDARD MOTOR, CE MARKED	Three phase, 230/460V, 2 HP, 50/60 Hz
POWER CONNECTION	Junction Box
MOTOR SPEED @ 60 HZ	1700 rpm
OIL CAPACITY	2300 cc (2.4 quart)
WEIGHT NET	117 lbs, shipping 133 lbs
INTAKE/EXHAUST TYPE/DIAMETER	NW 40 O.D. tube
AMBIENT OPERATING TEMPERATURE	70° to 40° C (45° to 104° F)
OVERALL DIMENSIONS	24.6" x 7.4" x 13.5" (LWH)





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