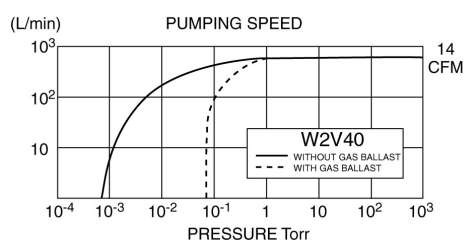


# LACO TECHNOLOGIES

## W2V40 HIGH VACUUM PUMP

The W2V40 rotary vane vacuum pump features a rugged, two-stage, air-cooled design and is capable of pumping speeds of 14 cfm and producing an ultimate vacuum of  $10^{-3}$  Torr. Lightweight, quiet, and compact, the W2V40 has 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	400 l/m, 14 cfm, 24 m <sup>3</sup> /hr
PUMPING SPEED @ 50 HZ	333 l/m, 11.6 cfm, 20 m <sup>3</sup> /hr
ULTIMATE PRESSURE (GAS BALLAST OPEN)	$5 \times 10^{-2}$ Torr
ULTIMATE PRESSURE (GAS BALLAST CLOSED)	$1 \times 10^{-3}$ Torr
STANDARD MOTOR, CE MARKED	115V, 1 HP, 60 Hz, On/Off Switch
POWER CONNECTION	Junction Box
MOTOR SPEED @ 60 HZ	1700 rpm
OIL CAPACITY	1500 cc (1.5 quart)
WEIGHT NET	70 lbs, shipping 75 lbs
INTAKE/EXHAUST TYPE/DIAMETER	NW 25 (26 mm) O.D. tube
AMBIENT OPERATING TEMPERATURE	70° to 40° C (45° to 104° F)
OVERALL DIMENSIONS	19.3" x 6.69" x 11.54" (LWH)

