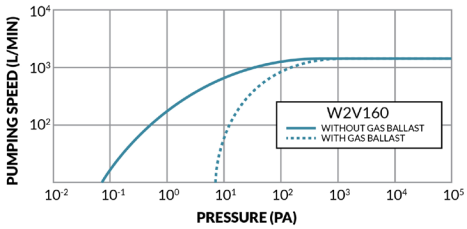
LACO TECHNOLOGIES

W2V160 HIGH VACUUM PUMP

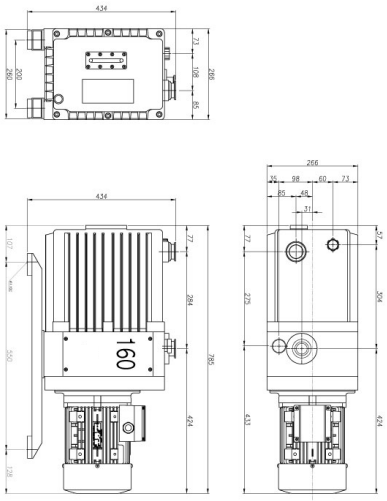
The W2V160 rotary vane vacuum pump features a rugged, two-stage, air-cooled design and is capable of pumping speeds of 56.5 cfm and producing an ultimate vacuum of 10^{-3} Torr. Lightweight, quiet, and compact, the W2V160 features an anti-suckback and gas ballast valve, quick disconnect ISO/KF fittings, and is ideal for a variety of applications.



BENEFITS & FEATURES

- Enhanced internal oil pumping for applications requiring longer pump down times
- Well ventilated, cool running pumps minimize oil back-streaming and thermal degradation
- Positive oil feed system enables optimal pump lubrication
- Rugged, well-known design makes pump easy to maintain

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	1600 l/m, 56.5 cfm, 96 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	6200 cc (6.5 quarts)
WEIGHT NET	223 lbs (shipping 240 lbs)
INTAKE/EXHAUST TYPE/DIAMETER	NW 40 O.D. tube
AMBIENT OPERATING TEMPERATURE	7° to 40° C (45° to 104° F)
OVERALL DIMENSIONS	30.6" x 10.4" x 17.4" (LxWxH)