



PROVAC

SALES

PHONE: 831-462-8900

FAX: 831-462-3536

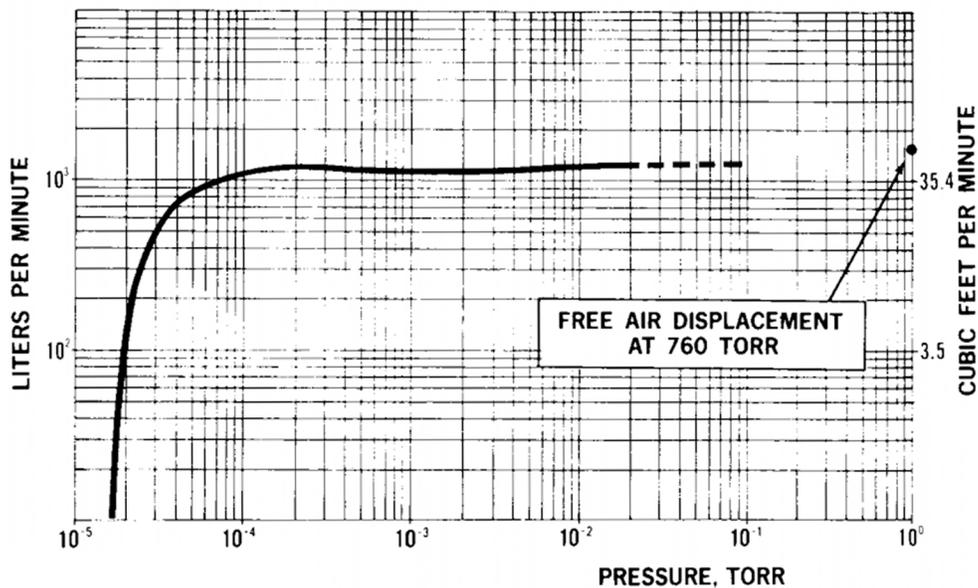
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Welch 1398

Technical Specifications

Free-Air Displacement, L/M	1500
CFM	53
Guaranteed Partial Pressure	
Blankoff, millitorr	0.1
Pump Rotational Speed, RPM	245
Number of Stages	2
Oil Capacity, qts.	2½
Standard Belt Guard (not shown)	No. 41-2930
Net Weight, Pump Only, lbs.	386
Net Weight, Mounted Pump, lbs.	601
Shipping Weight, Mounted Pump, lbs.	670
Intake Flange	6-1/8 O.D. x 3¼ I.D.
Bolt Circle	5¼ Dia.
6 Holes, 60° Apart	7/16 Dia.
O-Ring Groove	4-7/64 O.D. x 5/32 Deep x ¼ Wide

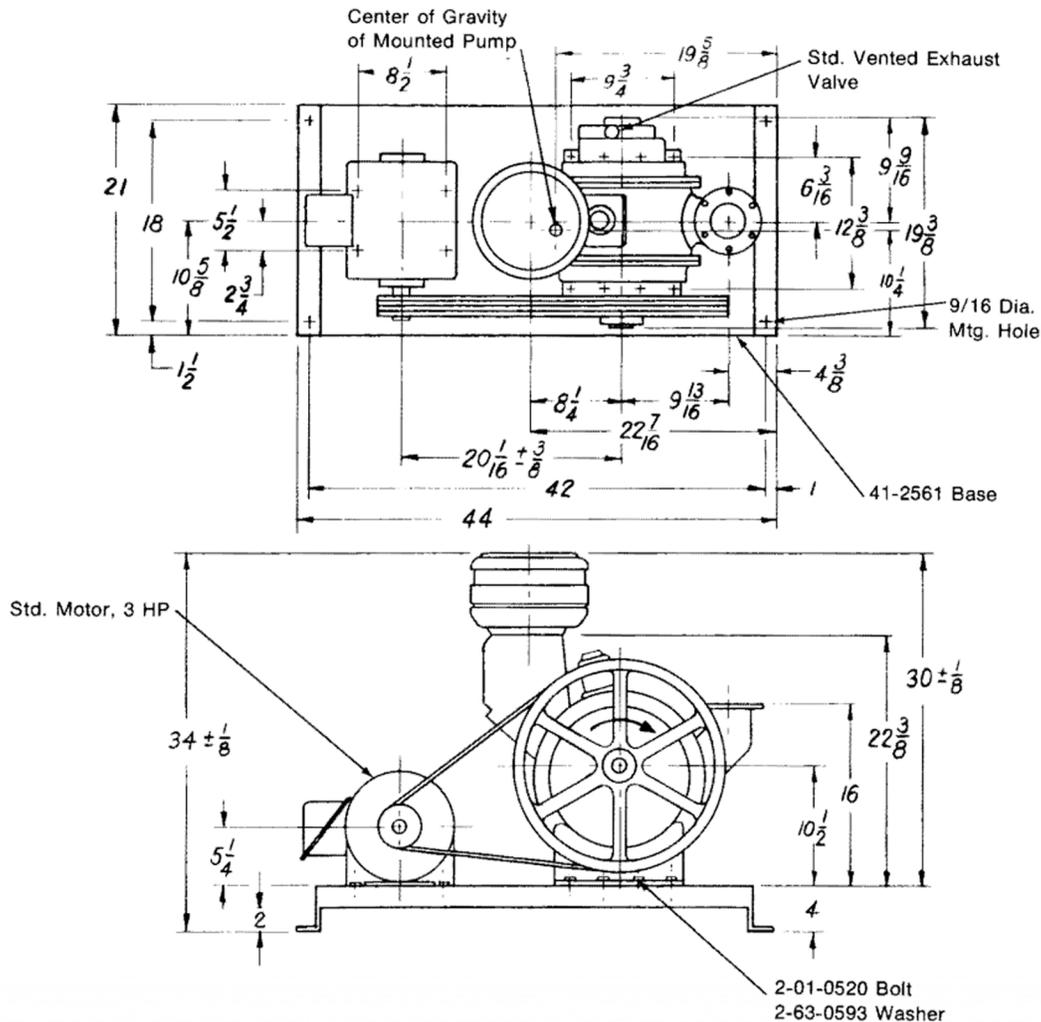
Pumping Curves





Welch 1398

Dimensions



Applications

- vacuum furnace evacuation
- backing turbomolecular/diffusion pumps
- rotary evaporation
- refrigeration system evacuation
- epoxy degassing
- vacuum sterilization
- backing mass spectrometers
- freeze drying
- vacuum centrifugal applications
- vacuum distillation
- space research