



Gast 80 series Rotary Vane Pump

Rotary Vane vacuum pumps and compressors have certain significant advantages. In addition to providing smooth, pulse-free air flow without receiver tanks, they are compact (or equivalently offer high flow capacities for a given size), are simple and economical to install and operate, have low starting and running torque requirements, produce minimal noise or vibrations, are capable of long, service-free life, and are easily serviced.

This Rotary vane pump is reliable, Quiet (as low as 38dB), Energy efficient, produces clean air, and has smooth flow maintaining a consistent air pressure and supply.

Typical applications include:

- Air Sampling
- Sewage aeration
- Pond aeration
- Soil Sparging

See the attached specifications documents for pump curves and other unit information.

Contact us for a price on this refurbished rotary vane pump.

363 W. SOUTH AIRPORT ROAD - TRAVERSE CITY, MI 49686 - BUS: (231) 264-3000 - FAX: (231) 264-3001
10312 North Holly Road - HOLLY, MI 48442 - BUS: (810) 238-9190 - FAX: (810) 238-9195

www.global-treatmentsolutions.com



Model shown without gauge or relief valve which are attached on standard motor mounted units.

Model 2080 Series

26 inHg max. vacuum
25 CFM open flow
15 psi max. pressure

Model 2080 Dual Function

Ideal for graphic arts applications where simultaneous vacuum and pressure are needed.
9 psi max. pressure (@ 18 inHg)
15 CFM open flow (pressure side)

Model 3080 Series

26 inHg max. vacuum
35 CFM open flow
15 psi max. pressure

Model 3080 Dual Function

Ideal for graphic arts applications where simultaneous vacuum and pressure are needed.
9 psi max. pressure (@ 18 inHg)
21 CFM open flow (pressure side)

Model 4080 Series

25 inHg max. vacuum
45 CFM open flow
15 psi max. pressure

Model 4080 Dual Function

Ideal for graphic arts applications where simultaneous vacuum and pressure are needed.
9 psi max. pressure (@ 18 inHg)
25 CFM open flow (pressure side)

Product Features

- Oilless operation
- Rugged construction/low maintenance
- Low noise

Includes

- Internal sound suppression
- Heavy duty internal filtration
- Vacuum adjustable relief valve *AN226, metric version AN226A (Vacuum pump, dual function)
- Pressure adjustable relief valve *AN225, metric version AN225A (Compressor, dual function)
- Vacuum gauge *AA640 (Vacuum pump, dual function)
- Pressure gauge *AA644B (Compressor, dual function)

* Not included in separate drive models

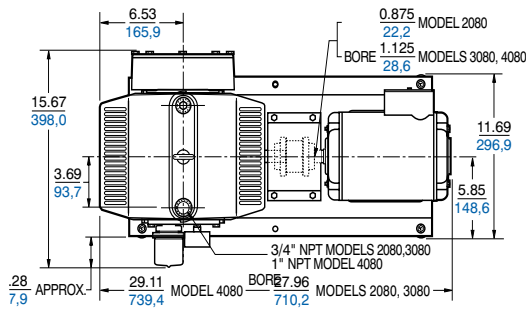
Recommended Accessories

- Filter/muffler kits:
K552 (Compressor or vacuum pump)
K547 (Dual function models)
- Complete repair kits:
K546 (Compressor or vacuum pump)
K551 (Dual function models)

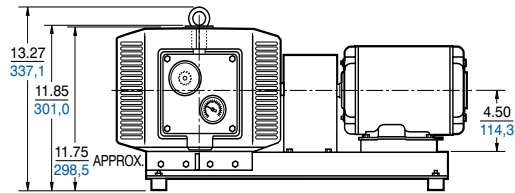
Product Dimensions (inches, mm)

Dimensions are for reference only

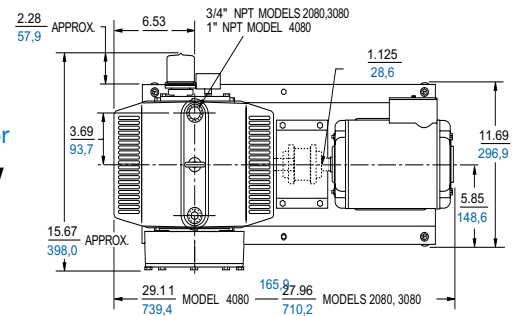
**Vacuum Pump
Top View**



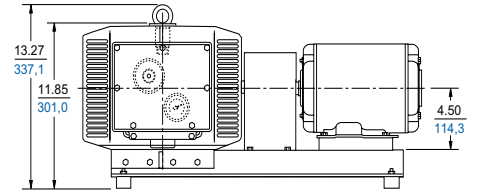
Side View



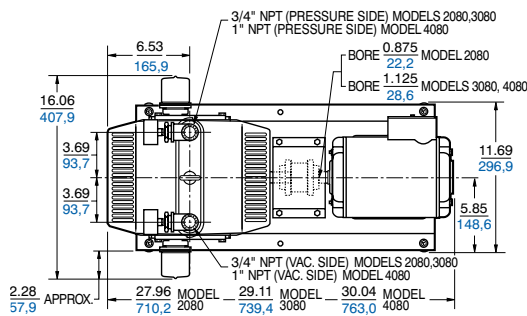
**Compressor
Top View**



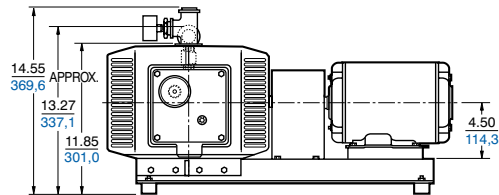
Side View



**Dual Function
Top View**



Side View



Product Specifications

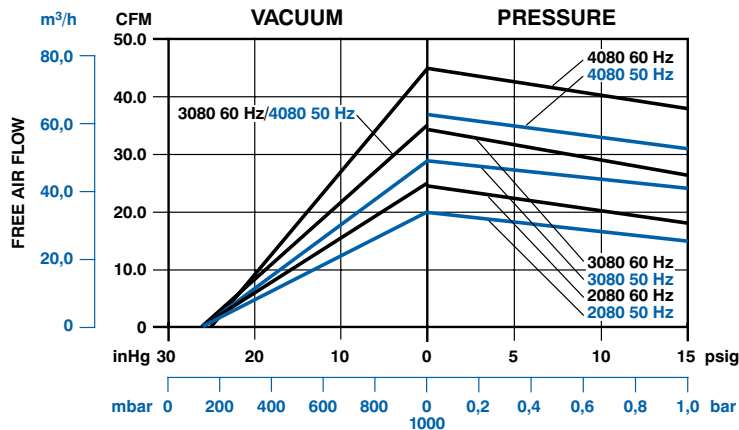
Note: "P" models are pressure, "V" models are vacuum, "D" models are dual function.

Model Number	Motor*	RPM		HP	kW	Net Weight	
		60 cycle	50 cycle			lbs	kg
2080-V102	Not included	1725	1425	2	1,5	91	41,0
2080-V128-T337	230/460-60-3	1725	—	2	1,5	125	56,3
2080-D129-T337	230/460-60-3	1725	1425	2	1,5	132	59,4
3080-P101	Not included	1725	1425	3	2,2	92	41,4
3080-P127-T338	208-230/460-60-3	1725	—	3	2,2	126	56,7
3080-V102	Not included	1725	1425	2	1,5	92	41,4
3080-V128-T337	230/460-60-3	1725	—	2	1,5	126	56,7
3080-D103	Not included	1725	1425	3	2,2	87	39,2
3080-D129-T338	208-230/460-60-3	1725	—	3	2,2	133	59,9
4080-P101	Not included	1725	1425	5	3,7	93	41,9
4080-P127-T339	208-230/460-60-3	1725	—	5	3,7	127	57,2
4080-V102	Not included	1725	1425	3	2,2	93	41,9
4080-V128-T338	208-230/460-60-3	1725	—	3	2,2	127	57,2
4080-D103	Not included	1725	1425	5	3,7	88	39,6
4080-D129-T339	208-230/460-60-3	1725	—	5	3,7	135	60,8

*Gast recommends magnetic starter for electric motor, consult electrician for correct size.

Product Performance

Single Function



Dual Function

