

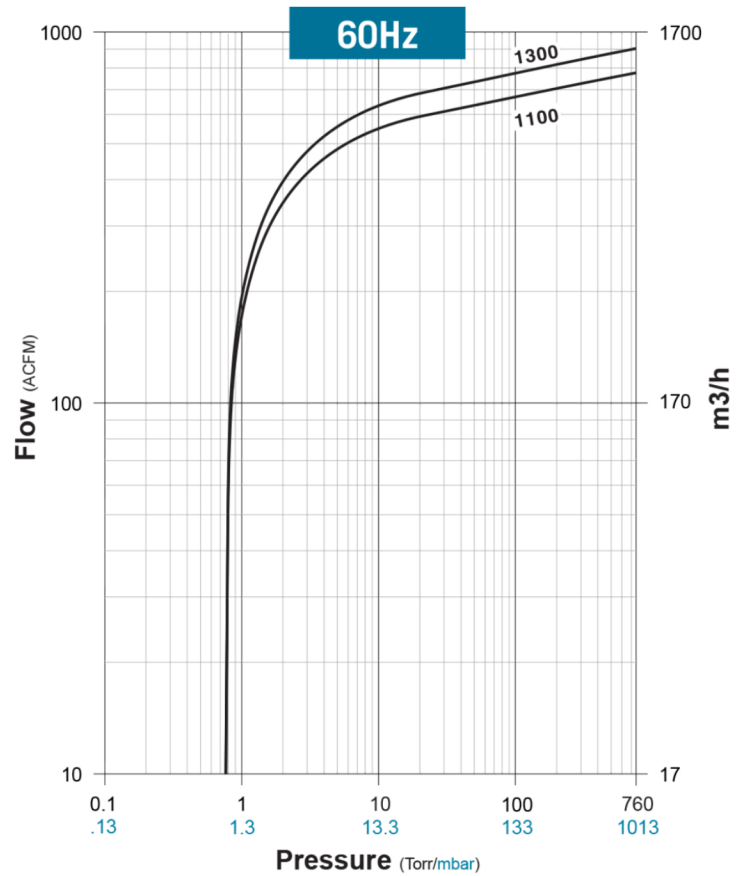
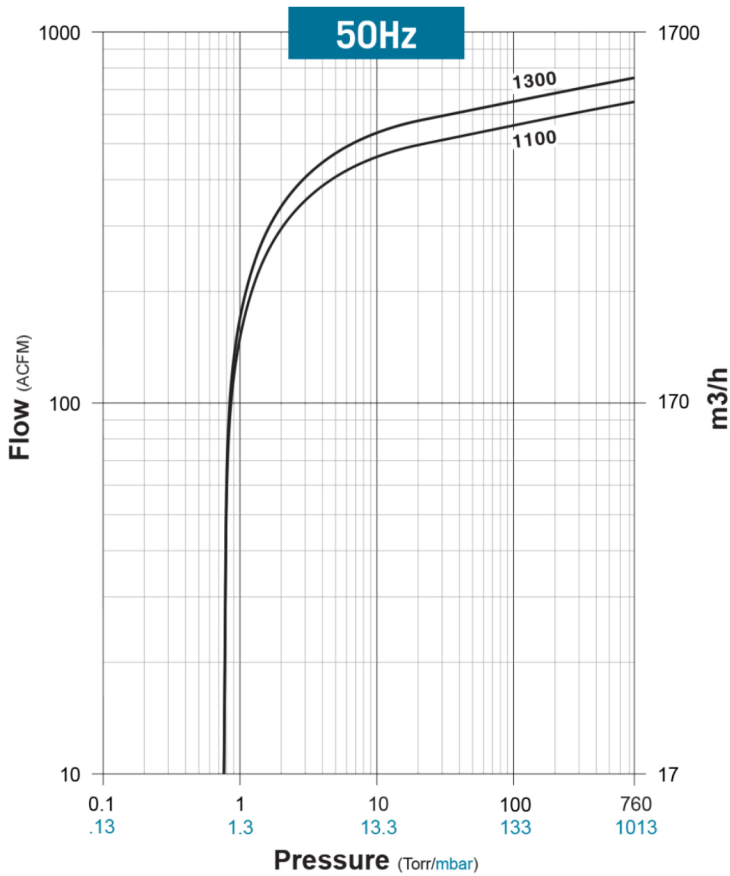


# Kinney KVO 1100, 1300

## Technical Specifications

Model	Nominal Displacement	Ultimate Pressure <i>Without Gas Ballast</i>	Ultimate Pressure <i>With Gas Ballast</i>	Motor	Rotation Speed	Oil Capacity	Pump Weight <i>Includes Motor</i>	Noise Level Max
	CFM / m3/hr	Torr / mbar	Torr / mbar	60Hz HP / 50Hz kW	60Hz / 50Hz	Gal. / Liters	Lbs. / kg	dB(A)
KVO-1100	50Hz 647 / 1100 60Hz 777 / 1320	0.075 / 0.1	0.75 / 1.0	40 / 30	1140 / 950	6.5 / 25	2471 / 1121	83
KVO-1300	50Hz 753 / 1280 60Hz 903 / 1534	0.075 / 0.1	0.75 / 1.0	40 / 30	1140 / 950	6.5 / 25	2486 / 1128	84

## Pumping Curves



NOTE: Curves represented with gas ballast open.



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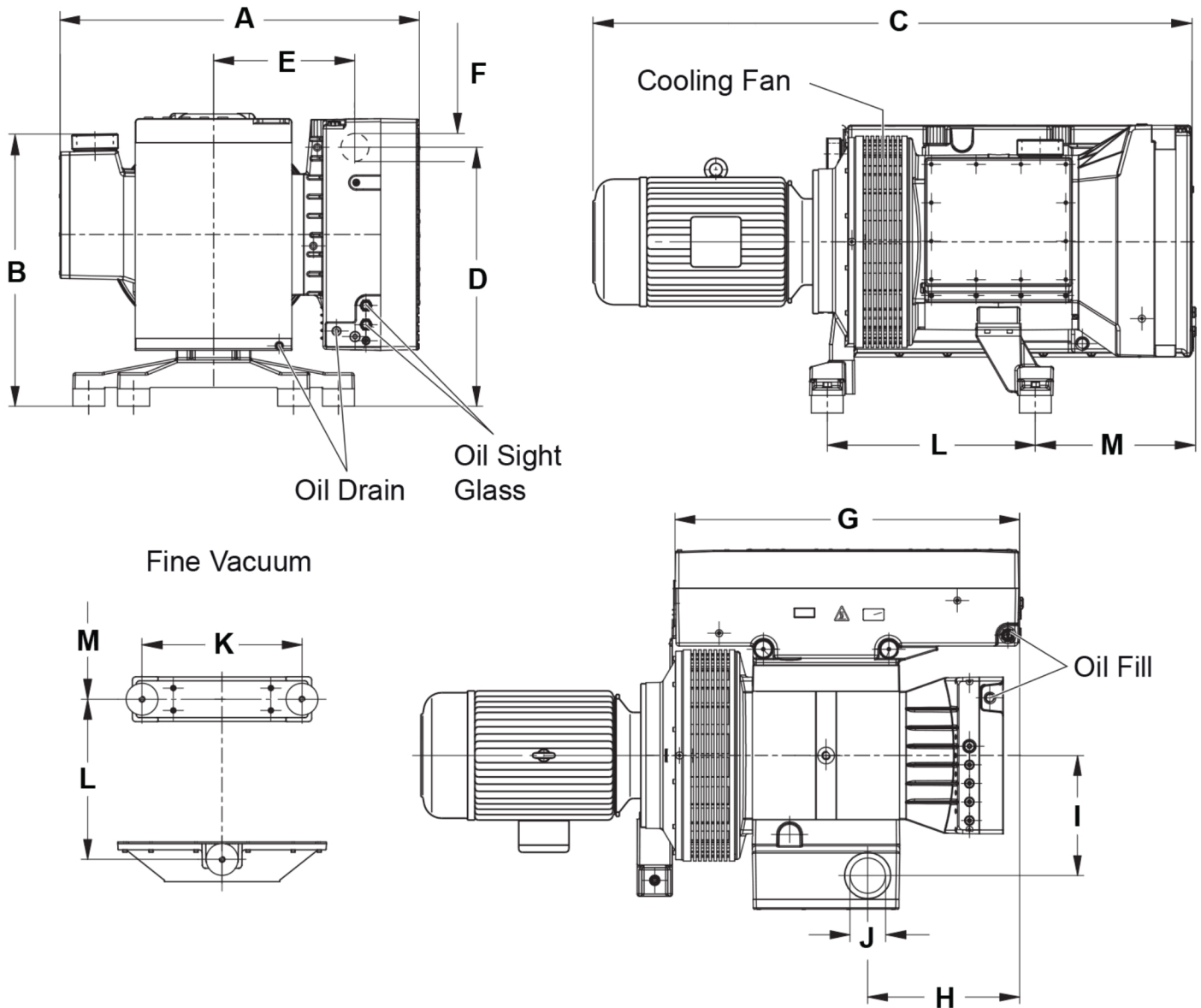
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# Kinney KVO 1100, 1300

## Dimensions



Model	A	B	C	D	E	F - EXHAUST	G	H	I	J - INLET	K	L	M
<b>KVO-1100</b> in. / mm	44.29 1125	29.06 738	75.57 1920	27.52 699	17.36 441	3" FNPT	45.49 1156	20.8 510	14.76 375	4" FNPT	19.68 500	19.68 500	25.2 640
<b>KVO-1300</b> in. / mm	44.29 1125	29.06 738	75.57 1920	27.52 699	17.36 441	3" FNPT	45.49 1156	20.8 510	14.76 375	4" FNPT	19.68 500	19.68 500	25.2 640



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## Kinney KVO 1100, 1300

### Features & Benefits

- durable, heavy-duty construction
- easy to service user-friendly layout, speeding up oil & filter changes
- advanced cylinder & cover design for quiet operation
- flanged motor, bearings on both sides of rotor
- fine mesh filter, vacuum non-return valve, gas ballast valve, oil/air heat exchanger, oil separator
- low power consumption for optimal performance
- continuous duty operation
- compact design, small footprint

### Applications

- food & beverage • food processing • food packaging • medical
- pharmaceutical • research & development • plastics • freeze drying
- vacuum packaging • filling & sealing • central vacuum systems
- thermoforming • injection molding

