



# PROVAC

## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

# Leybold Dryvac DV 1200

## Technical Specifications

	Product:	DRYVAC DV 1200	
	Part No.:	112120V17-1	
Inlet connection:	DN 100 ISO-K		
Outlet connection:	DN 100 ISO-K		
Max. pumping speed:	1.250 m <sup>3</sup> /h		
Ultimate total pressure without gas ballast:	5.0 x 10 <sup>-3</sup> mbar	3.8 x 10 <sup>-3</sup> Torr	
Ultimate total pressure with gas ballast:	5.0 x 10 <sup>-2</sup> mbar	3.8 x 10 <sup>-2</sup> Torr	
Water vapor tolerance:	≥ 60.0 mbar	≥ 45.0 Torr	
Water vapor capacity:	50.0 kg/h		
Operating fluid gear box:	LEYBONOL LVO 210		
Operating fluid capacity:	2.4 l		
Noise level at ultimate pressure			
with silencer:	67 db(A)		
with exhaust pipe:	65 db(A)		
Cooling water consumption:	900 l/h		
Permissible cooling water pressure:	3 - 7 bar		
Permissible cooling water temperature:	+5 to +35°C	+41 to +95°F	
Cooling water connections:	G 1/2", inside thread		
Mains connection:	3-ph, 380-460 V, 50/60 Hz		
Motor rating:	30.0 kW	40.0 HP	
Power consumption at ultimate pressure:	≤ 14.0 kW	≤ 18.8 HP	
Motor protection rating:	IP 54		
Admissible ambient temperature:	+5 to +50°C	+41 to +122°F	
Dimensions:	see dimension sheet		
Weight:	≈ 1400 kg	≈ 3086 lbs	



# PROVAC

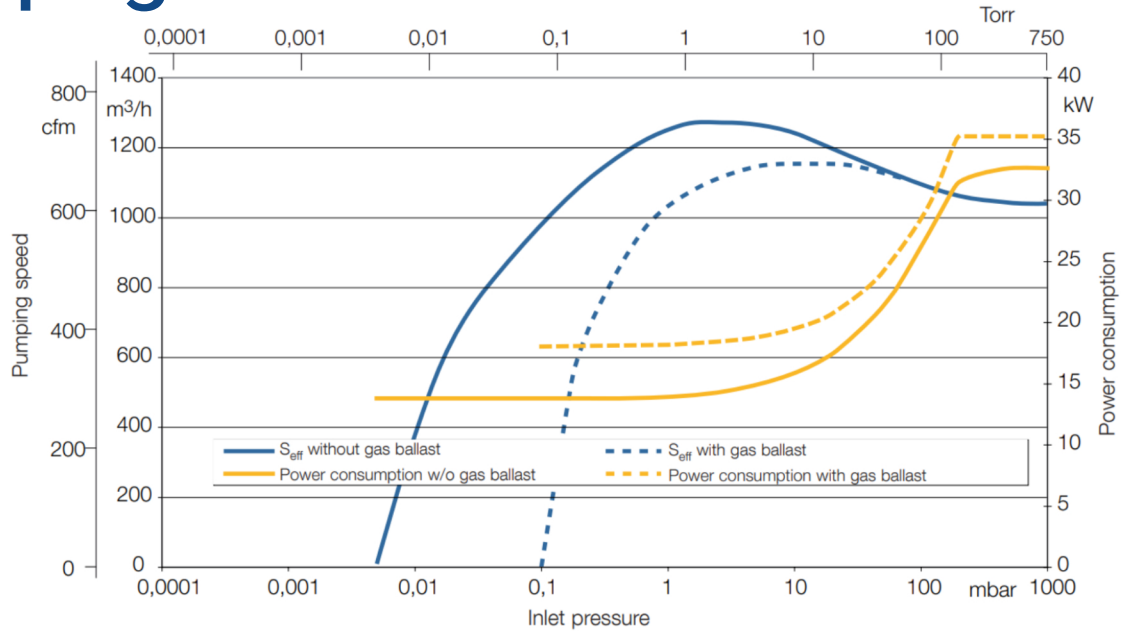
## SALES

PHONE: 831-462-8900

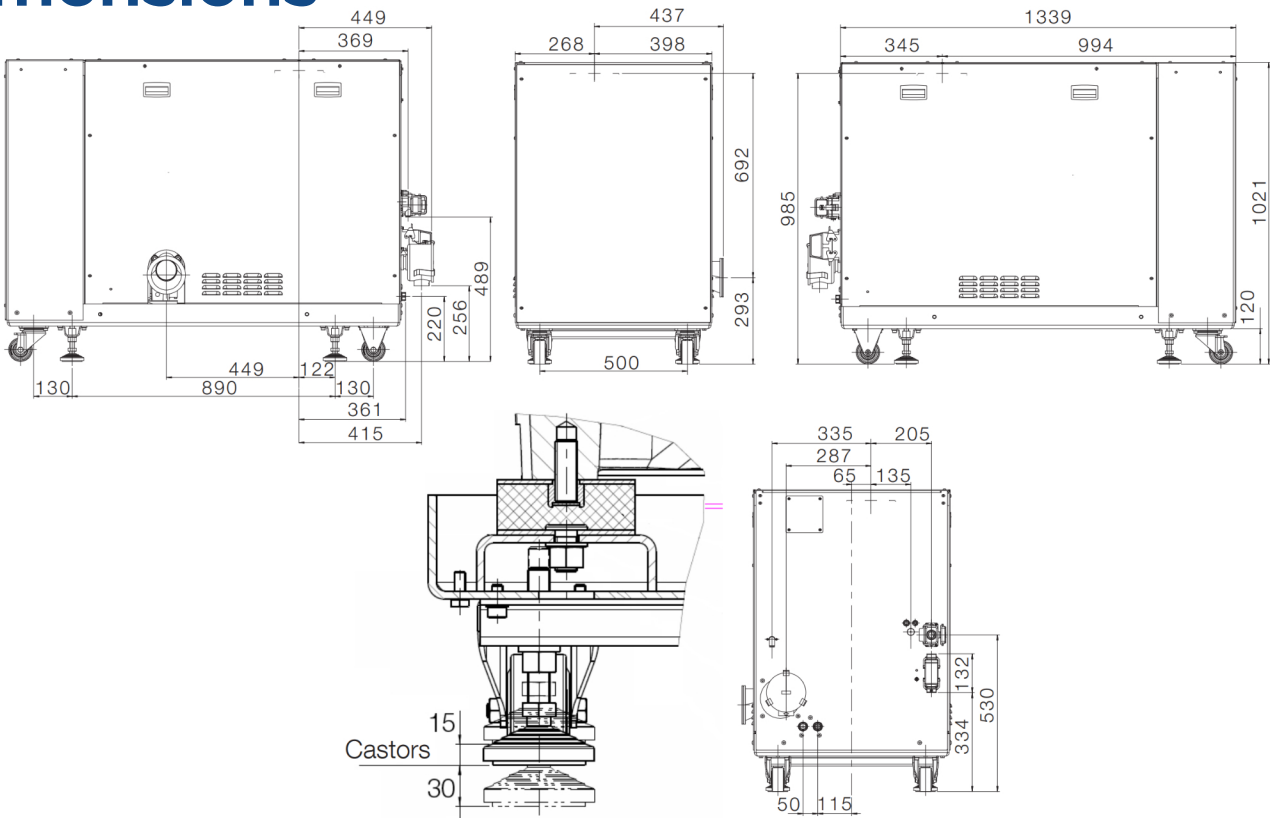
FAX: 831-462-3536

WWW.PROVAC.COM

# Leybold Dryvac DV 1200 Pumping Curves



## Dimensions



Adjustment range for the feet



# PROVAC

## SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

## Leybold Dryvac DV 1200 Features & Benefits

- rugged, reliable & durable
- minimized power consumption
- low cost of ownership
- maximized system uptime
- low noise level
- wide voltage & frequency range
- minor maintenance demands
- integrated self-monitoring & control
- small footprint & space requirements
- simple mechanical & electrical integration



## Applications

- automotive • electrical engineering • energy technology • degassing
- research & development • freeze drying • industrial gases • air conditioning & refrigeration • crystal pulling/casting • lamination
- leak testing • metallurgy • plasma cleaning • welding • vacuum drying • packaging • space simulation • wind turbines • backing pump for high vacuum systems