

# VAC

## Dirty Water Vacuum Pumps - VAC-2000/4001



### Design VAC-2000

A pump series with many applications and a generation of dirty water vacuum pumps, based on the principle of the liquid ring system. This compact pump type combines all performances of DIAPHRAGM, PISTON and CENTRIFUGAL PUMPS and will, by means of the specially developed rotor, continuously pump liquids as well as air or gasses in any mixture.

Free rotating stainless steel rotor, stainless steel rotor housing, stainless steel wear plate. Protected against dry-running by oil lubricated seal.

### Applications VAC-2000

- (Emergency) bilge pump
- Bilge-ballast pump
- General service pump
- Vacuum pump
- Gland-leaking water pump
- For chemical industries
- Draining holds
- Emptying vessels
- Well point systems

#### Technical specifications VAC-2000

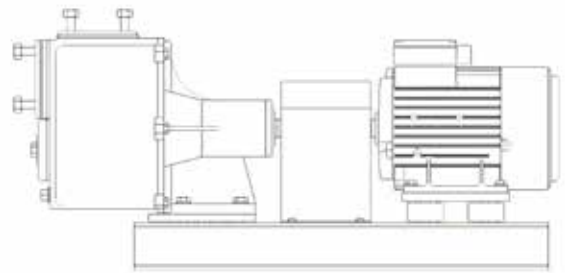
Type	VAC 2000
Pipe connections	DN 65 suction/discharge
Capacity	Max. 20 m <sup>3</sup> /h
Total head	Max. 1.6 bar
Suction head	92% (approx. 9.6 mLC)

### Advantages VAC-2000

- Enormous air capacity
- Wear-resistant
- Dry-running protection
- For direct or V-belt drive
- No diaphragms
- Low weight
- Compact design
- Also operating without non-return valve

Available in cast iron and bronze in the following combinations:

Free shaft end, with electric motor or diesel engine, with friction clutch and V-belt pulley. Submerged version also available.



VAC 2000 with free shaft end.  
VAC 2000 is complete with flexible coupling and electric motor 2.2 kW at 2850 RPM.

## Dirty Water Vacuum Pumps - VAC-2000/4001

### Design VAC-4001

A pump series with many applications and a generation of dirty water vacuum pumps, based on the principle of the liquid ring system. This compact pump type combines all performances of DIAPHRAGM, PISTON and CENTRIFUGAL PUMPS and will, by means of the specially developed rotor, continuously pump liquids as well as air or gasses in any mixture.

Free rotating stainless rotor, stainless steel rotor housing, stainless steel wear plate. Protected against dry-running by oil lubricated mechanical seal.

### Advantages VAC-4001

- Enormous air capacity
- Wear-resistant
- Dry-running protection
- For direct or V-belt drive
- No diaphragms
- Low weight
- Compact design
- Also operating without non-return valve

### Applications VAC-4001

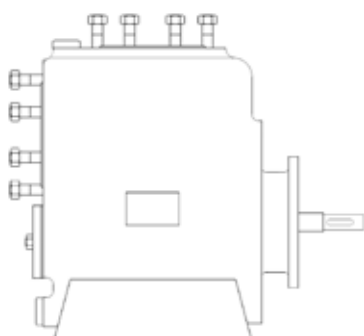
- (Emergency) bilge pump
- Bilge-ballast pump
- General service pump
- Vacuum pump
- Gland-leaking water pump
- For chemical industries
- Draining holds
- Emptying vessels
- Well point systems

Available in cast iron and bronze in the following combinations: Free shaft end, with electric-motor (close-coupled or on base plate) and diesel engine, with friction clutch and V-belt pulley. Submerged version also available.

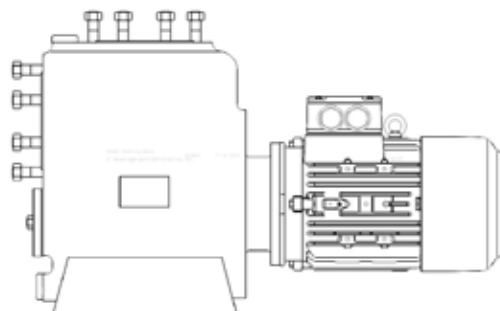


#### Technical specifications

Type	VAC 4001
Pipe connections	DN 100 suction/discharge
Capacity	Max. 85 m <sup>3</sup> /h
Total head	Max. 2.0bar
Suction head	Up to 92% (approx. 9.6 mLC)



VAC 4001 with free shaft end.



VAC 4001 in close-coupled design with electric motor 5.5 kW at 2850 RPM.