

# DIAPHRAGM VACUUM PUMP LABOPORT® N 840 G



## Technical features

- 100% oil-free transfer – thereby pure transferring, evacuation and compression of gases
- High level of vapor and condensate compatibility
- Ideal for extremely aggressive/corrosive gases and vapors
- ATEX compliant according to  $\text{Ex II 2/-G IIB+H2 T3}$  internal atmosphere only
- Integrated gas ballast valve
- Expandable: Separators and/or condensers can be purchased individually at any time and easily fitted, enabling users to build their own customized vacuum system
- 3-color status display for in operation / stand-by / error
- Integrated rotational speed control
- Environmentally friendly

## Technical data

|  |         |
|--|---------|
| Flow rate [m <sup>3</sup> /h] at atm. pressure | 2.04    |
| Flow rate [l/min] at atm. pressure             | 34      |
| Ultimate vacuum [mbar abs.]                    | 6.0     |
| Operating pressure [bar]                       | 0.1     |
| Voltage [V]                                    | 100-240 |
| Frequencies [Hz]                               | 50/60   |
| Protection class                               | IP30    |
| Power P <sub>1</sub> [W]                       | 100     |
| Operating current [A]                          | 0.7     |
| With thermal switch and power fuse             |         |

## MATERIALS

|           |             |
|-----------|-------------|
| Pump head | TFM™ PTFE   |
| Diaphragm | PTFE-coated |
| Valves    | FFPM        |

## OTHER DATA

|  |                 |
|--|-----------------|
| Weight [kg]                                    | 11.3            |
| Hose connections                               | ID 9.5-8, PVDF  |
| Dimensions W x H x D [mm]                      | 177 x 240 x 289 |
| Permissible media and ambient temperature [°C] | +5 to +40       |

## SPARE PARTS

| SPARE PARTS            | ID     |
|------------------------|--------|
| Spare parts kit        | 317436 |
| Hose connector         | 317278 |
| Key for hose connector | 316279 |

## Possible combinations

When combined with the VC 900 vacuum control unit and the connection cable, the rotational speed is controlled in accordance with the requirements of the process. Ideal for combining with all common vacuum controllers with valve control.



## Dimensions

N 840 G

