

# DIAPHRAGM VACUUM PUMP LABOPORT® N 816.1.2 KT.18



## Technical features

- 100 % oil-free transfer – thereby pure transferring, evacuation and compression of gases
- PTFE-coated diaphragm is ideal for aggressive/ corrosive gases and vapors
- Environmentally friendly
- High level of gas tightness

## Technical data

Flow rate [m³/h] at atm. pressure	1.8
Flow rate [l/min] at atm. pressure	30
Ultimate vacuum [mbar abs.]	160
Operating pressure [bar]	0.5
Voltage [V]	230
Frequencies [Hz]	50
Motor protection	IP 20
Power P <sub>1</sub> [W]	100
Operating current [A]	0.6
With thermal switch and power fuse	
Motors with other voltages and frequencies on request	

## MATERIALS

Pump head	PPS
Diaphragm	PTFE-coated
Valves	FFPM

## OTHER DATA

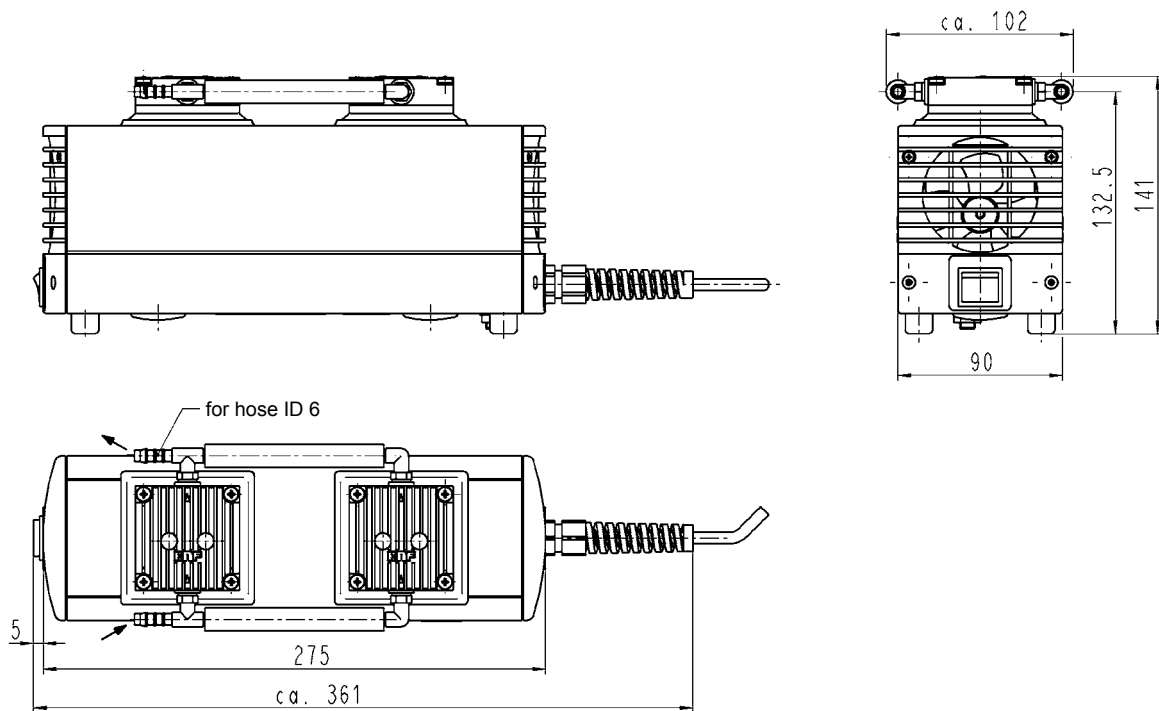
Weight [kg]	3.95
Hose connections	ID 6
Dimensions W x H x D [mm]	102 x 141 x 361
Permissible media and ambient temperature [°C]	+5 ... +40

## ACCESSORIES

ACCESSORIES	ID
Spares kit	056316

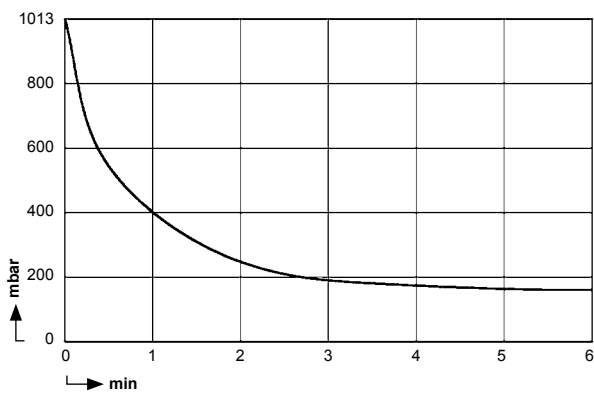
## Dimensions

N 816.1.2 KT.18

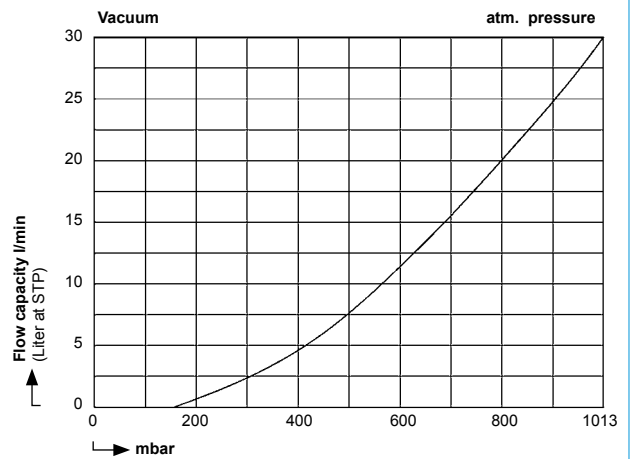


## Performance characteristics

PUMP DOWN TIME FOR 20 LITER VESSEL



FLOW CAPACITY



# YOUR LOCAL PARTNER AROUND THE WORLD

## KNF SALES ORGANIZATION

**Australia** KNF Regional Office  
Moreland West VIC 3055  
Tel. +61 3 9386 4959  
info@knf.com.au  
www.knf.com.au

**Benelux Netherlands** KNF Verder B.V.  
3451 GG Vleuten  
Tel. +31 30 677 92 40  
info@knf-verder.nl  
www.knf-verder.nl

**Benelux Belgium and Luxemburg**  
KNF Verder N.V.  
2630 Aartselaar  
Tel. +32 3 871 96 24  
info@knf.be  
www.knf.be

**China** KNF Technology (Shanghai) Co., Ltd.  
Shanghai 201203  
Tel. +86 21 5109 9695  
info@knf.com.cn  
www.knf.com.cn

**France** KNF Neuberger SAS  
68128 Village-Neuf  
Tel. +33 389 70 35 00  
info@knf.fr  
www.knf.fr

**Germany** KNF Neuberger GmbH  
79112 Freiburg  
Tel. +49 7664 5909 0  
info@knf.de  
www.knf.de

**India** KNF Pumps + Systems (India) Pvt. Ltd.  
Hinjewadi Pune 411 057  
Tel. +91 20 640 13 923  
info@knfpumps.in  
www.knfpumps.in

**Italy** KNF Italia S.r.l.  
20063 Cernusco s. Naviglio (MI)  
Tel. +39 02 929 04 91  
info@knf.it  
www.knf.it

**Japan** KNF Japan Co. Ltd.  
Tokyo 104-0033  
Tel. +81 3 3551 7931  
info@knf.co.jp  
www.knf.co.jp

**Korea** KNF Neuberger Ltd.  
135-502 Seoul  
Tel. +82 2 959 0255  
knf@knfkorea.com  
www.knfkorea.com

**Latin America** KNF Regional Office  
Tel. +1 609 649 1010  
gb@knf.com  
www.knf.com/es

**Morocco, Tunisia, Algeria**  
KNF Neuberger SAS  
68128 Village-Neuf  
Tel. +33 389 70 35 00  
info@knf.fr  
www.knf.fr

**Singapore** KNF Regional Office  
Tel. +65 9722 1994  
info@knf.com.sg  
www.knf.com.sg

**Sweden, Finland, Denmark, Norway**  
KNF Neuberger AB  
117 43 Stockholm  
Tel. +46 8 744 51 13  
info@knf.se  
www.knf.se

**Switzerland** KNF Neuberger AG  
8362 Balzerswil  
Tel. +41 71 973 99 30  
knf@knf.ch  
www.knf.ch

**UK, Ireland** KNF Neuberger U.K., Ltd.  
Witney, Oxfordshire OX28 4FA  
Tel. +44 1993 77 83 73  
info@knf.co.uk  
www.knf.co.uk

**USA, Canada** KNF Neuberger, Inc.  
Trenton, NJ 08691-1810  
Tel. +1 609 890 8600  
knfusa@knf.com  
www.knfusa.com

## KNF PRODUCT CENTERS

**Gas Pumps** KNF Neuberger GmbH  
DE-79112 Freiburg  
info@knf.de  
www.knf.de

**Micro Gas Pumps** KNF Micro AG  
CH-6260 Reiden  
info@knf-micro.ch  
www.knf-micro.ch

**Liquid Pumps** KNF Flodos AG  
CH-6210 Sursee  
info@knf-flodos.ch  
www.knf-flodos.ch