

Diaphragm Pumps for Liquids

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KNF
NEUBERGER



LIQUIPORT® Chemically-resistant Diaphragm Liquid Pumps

Flow rate manual adjustable

Technical features:

- Acid, alkali, solvent resistant
- Self priming
- Dry running
- Maintenance-free
- Splashproof (IP 65)
- Flow rate manually adjustable
- Standby mode
- Maximal pressure limitation

Series LIQUIPORT®: NF 300 __.18 S, NF 1.300 __.18 S Pumps

The LIQUIPORT diaphragm liquid pumps of the NF 300/1.300_18 S series reliably pump neutral and aggressive liquids. A knob with LED makes it easy to vary the pumping capacity. These pumps work quietly and with low vibrations.

Material in contact with the pumped media

Type OrderNo.	Pump head	Diaphragm	Valves
NF 300 KT.18 S	PP	PTFE-coated	FFPM
NF 300 TT.18 S	PVDF	PTFE-coated	FFPM
NF 300 FT.18 S	PTFE	PTFE-coated	FFPM
NF 1.300 KT.18 S	PP	PTFE-coated	FFPM
NF 1.300 TT.18 S	PVDF	PTFE-coated	FFPM
NF 1.300 FT.18 S	PTFE	PTFE-coated	FFPM

Technical data:

	NF300KT.18 S NF300TT.18 S NF300FT.18 S	NF1.300KT.18 S NF1.300TT.18 S NF1.300FT.18 S
Flow rate (l/min) ¹⁾	0.5-3.0	0.5-3.0
Suction head (mWg)	3	3
Pressure head (mWg)	10	60
Connectors for tube (mm)	ID 12	ID 12
Permissible ambient temperature	+5...+40 °C	+5...+40 °C
Liquid temperature	+5...+80 °C	+5...+80 °C
Mains	100-230 V / 50-60 Hz	
Motor protection	IP 65 (splashproof)	IP 65
Power P ₁	24 W	24 W
Weight	1.5 kg	1.5 kg
Dimensions LxHxW (mm)	160/188/104	160/188/104

¹⁾ Water at 20°C and zero pressure head

Accessories and spare parts

Description	Details	OrderNo.
Hose connector	ETFE, NPT 3/8, for tube ID 12	153753
Connection tube	Polyethylene, ID 12x1	007859
Connection tube	PTFE, ID 12x1	007860
Spares kit NF 300	for KT/TT version	068691
Spares kit NF 1.300	for KT/TT version	069728
Spares kit NF 300	for FT version	151902
Spares kit NF 1.300	for FT version	151903

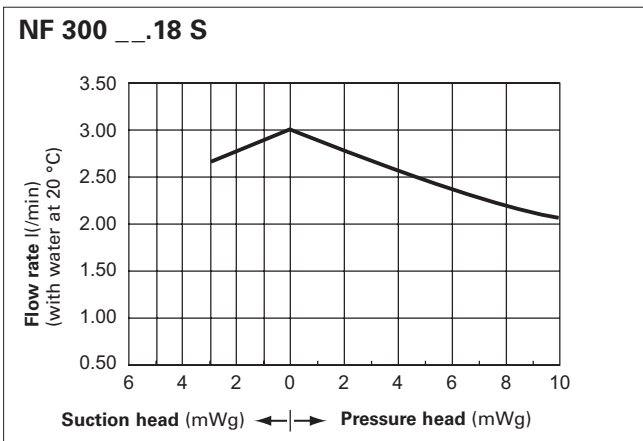
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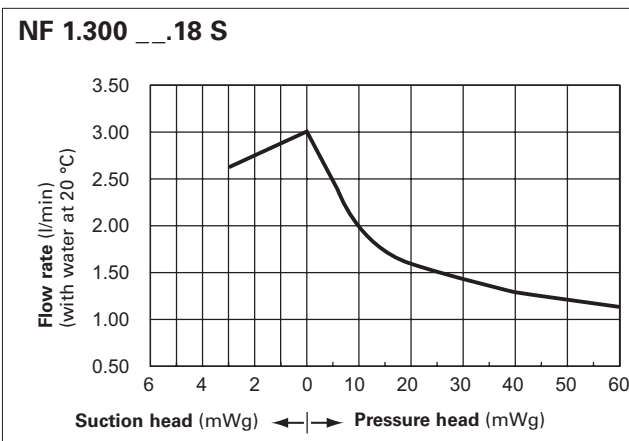


Dimensions and performance characteristics

Performance characteristics (at max. motor speed)



Performance characteristics (at max. motor speed)



Dimensions (mm)

Operation of Liquid Pump

- 1 **ON/OFF button**
Turns the pump on and off
- 2 **EXT**
Lights up when analog signal is being used (RC-Version)
- 3 **MAX**
Maximum flow rate
- 4 **Knob**
Adjusts the flow from 10% to 100%
- 5 **MIN**
Minimum flow rate
- 6 **LED**
Indicates the flow rate
- 7 **Standby**
„Standby“ lights up green, as soon as the pump is plugged in. Pump is not running