

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 100 __.18 S, NF 1.100 __.18 S Pumps

The LIQUIPORT diaphragm liquid pumps of the NF 100/1.100_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 Order No.	Pump head	Diaphragm	Valves
NF 100 KT.18 S	PP	PTFE-coated	FFPM
NF 100 TT.18 S	PVDF	PTFE-coated	FFPM
NF 100 FT.18 S	PTFE	PTFE-coated	FFPM
NF 1.100 KT.18 S	PP	PTFE-coated	FFPM
NF 1.100 TT.18 S	PVDF	PTFE-coated	FFPM
NF 1.100 FT.18 S	PTFE	PTFE-coated	FFPM

Technical data:	NF 100KT.18 S	NF 1.100KT.18 S
	NF 100TT.18 S	NF 1.100TT.18 S
	NF 100FT.18 S	NF 1.100FT.18 S
Flow rate (l/min) ¹⁾	0.2-1.3	0.2-1.3
Suction head (mWg)	3	3
Pressure head (mWg)	10	60
Connectors for tube (mm)	ID 8	ID 8
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	12 W	18 W
Weight	1.0 kg	1.0 kg
Dimensions LxHxW (mm)	130/177/99	130/177/99

¹⁾ Water at 20°C and zero pressure head

Accessories and spare parts

Description	Details	Order No.
Hose connector	ETFE, NPT 1/8, for tube ID 8	153751
Connection tube	Polyethylene, ID 8x1	007857
Connection tube	PTFE, ID 8x1	007858
Spare kit	for KT/TT version	065262
Spare kit	for FT version	152631

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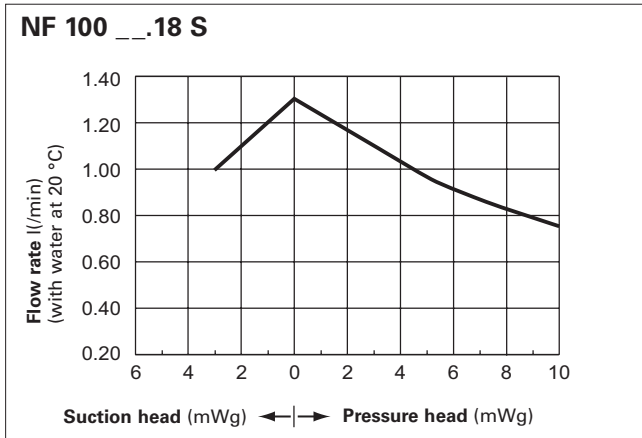
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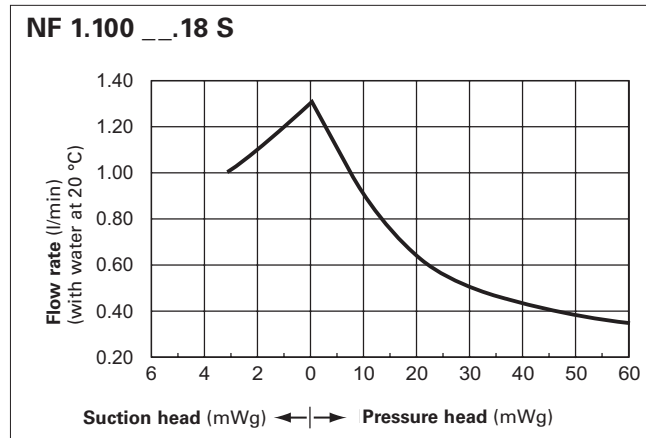


Dimensions and performance characteristics

Performance characteristics (at max. motor speed)



Performance characteristics (at max. motor speed)



Dimensions (mm)

