

Diaphragm Pumps for Liquids

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KNF
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LIQUIPORT® Chemically-resistant Diaphragm Liquid Pumps

Flow rate adjustable
(manual or external)

Technical features:

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

Series LIQUIPORT®: NF 100 __.18 RC, NF 1.100 __.18 RC Pumps

The LIQUIPORT diaphragm liquid pumps of the NF 100/1.100_18 RC series reliably pump neutral and aggressive liquids. The flow rate is adjusted by turning a knob with LED or it can be controlled remotely by means of a signal input of 0 to 10V. 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 RC	PP	PTFE-coated	FFPM
NF 100 TT.18 RC	PVDF	PTFE-coated	FFPM
NF 100 FT.18 RC	PTFE	PTFE-coated	FFPM
NF 1.100 KT.18 RC	PP	PTFE-coated	FFPM
NF 1.100 TT.18 RC	PVDF	PTFE-coated	FFPM
NF 1.100 FT.18 RC	PTFE	PTFE-coated	FFPM

Technical data:	NF 100KT.18 RC	NF 1.100KT.18 RC
	NF 100TT.18 RC	NF 1.100TT.18 RC
	NF 100FT.18 RC	NF 1.100FT.18 RC
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
Signal input (analog)	0 to 10 V	0 to 10 V
Start/Stop	control through TTL contact	
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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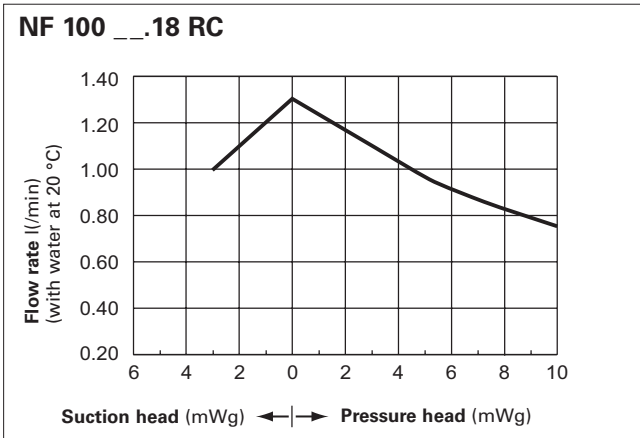
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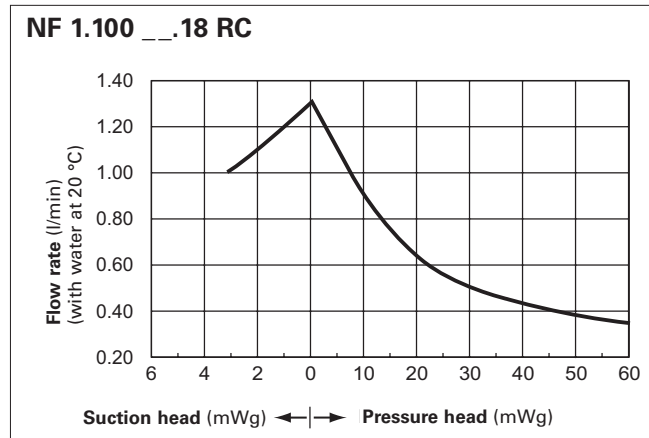


Dimensions and performance characteristics

Performance characteristics (at max. motor speed)



Performance characteristics (at max. motor speed)



Dimensions (mm)

