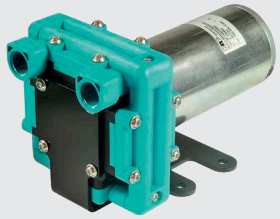
# NF 1.600
# DIAPHRAGM LIQUID PUMP



NF 1.600 KPDC

## ADVANTAGES

- Self priming and excellent for pressure
- Extreme chemical resistance
- Dry running, durable and maintenance free

## POSSIBLE AREAS OF USE

- Analysers
- Laboratory
- Cleaning industry
- Printing

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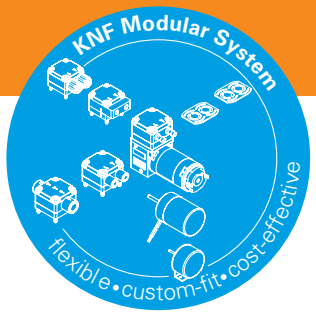


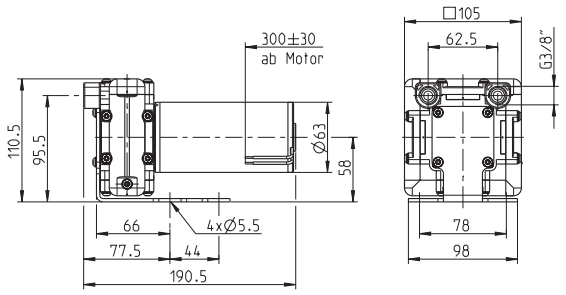

| PERFORMANCE DATA | | | |
|---|---|---|---|
| **Series model** | **NF 1.600 DC** | | |
| **Material options** | **KP** | **KT** | **TT** |
| Pump head | PP | PP | PVDF |
| Diaphragm | PTFE | PTFE | PTFE |
| Valves | EPDM | FFKM | FFKM |
| Flow rate at atm. pressure (l/min) | 6 | | |
| Suction height (mWg) | 3 | | |
| Pressure head (mWg) | 60 | | |
| Permissible ambient air (°C) | +5 to +40 | | |
| Permissible liquid temperature (°C) | +5 to +80 | | |
| Weight (kg) | 2.5 | | |
| IP protection factor | 50 | | |
| **ELECTRICAL DATA** | | | |
| Operating voltage (V) | 24 | | |
| Power consumption (W) | 75 | | |
| I load max. (A) | 3.1 | | |

# NF 1.600 DC

## PERFORMANCE DATA

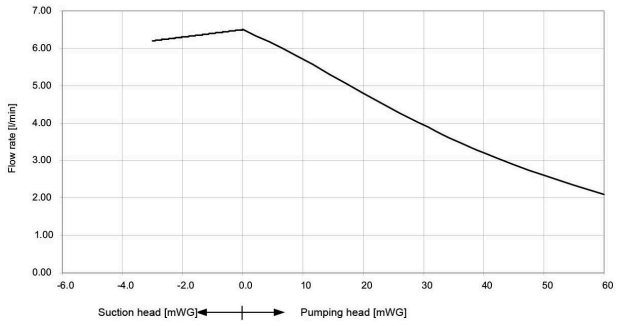
| Series model | Flow rate at atm. pressure (l/min) | Max. suction height (mWg) | Max. pressure head (mWg) |
|---|---|---|---|
| NF 1.600 DC | 6 | 3 | 60 |

## NF 1.600 DC

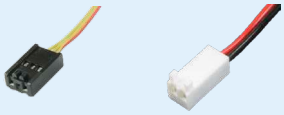



Dimensions in mm

## NF 1.600 DC FLOW CURVE



## OPTIONS

| Description | Illustration | Details |
|---|---|---|
| Motors | | Various voltage options, higher and lower service life |
| Electrical connections |  | Molex, AMP etc. |
| Hydraulic connections | | G / NPT internal thread |

## ACCESSORIES

| Description | Illustration | Details |
|---|---|---|
| Pressure control valve | | The pressure control valve can be used for a more accurate control of flow against a fluctuating back pressure, metering into a vacuum and from a pressurised system. |
| Pulsation damper | | This very versatile pulsation damper reduces the vibration in hoses ans pipes and it helps to remove pulsation which ist preventing the system from functionning correctly. |

The performance values for the series models shown on this data sheet were determined under test conditions.
The actual performance values may differ and depend in particular on the usage conditions and therefore on the specific application, on the parameters of the components involved in the user's system and on any technical modifications carried out which deviate from the standard configuration or the as delivered condition.

If individual designs have been created for specific customers on the basis of series models, other technical performance data may apply.
Before operation begins, the relevant operating instructions and/or assembly or installation instructions should be read and the safety information contained in these instructions should be noted.
KNF reserves the right to make changes to the product and the associated documentation without prior notice to the customer.

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