Ideal Pump for Handling Liquids

KNF Neuberger presents its Type NF1.25-inch micro diaphragm pump as an ideal high-pressure solution for dosing or transferring liquids or liquid-gas mixtures at flow rates up to 300 mL/minute. The company believes that this pump further provides:

- Intermittent or continuous operation against pressures up to 6 BARG (87 PSIG) over the pump’s entire lifetime.
- Optimal chemical resistance resulting from the use of PP, PTFE, EPDM and FFMP materials for components that come into contact with the pumped medium.
- The power to withstand both neutral and aggressive liquids without risk of corrosion or other damage.
- A patented valve system and sophisticated diaphragm technology to achieve high levels of efficiency.
- Your choice of motors, including iron core DC, ironless core DC or brushless DC versions (which can be supplied with simple 2-wire operation or with 4 wires, enabling advanced tachometer output, speed control input and a highly linear control curve for use in closed-loop systems).
- Selection from a wide range of standard voltages and frequencies.
- A self-priming, dry-running design that requires virtually no maintenance over a long lifetime.
- The flexibility to mount these pumps in any position.
- Specialized complementary accessories that include an anti-vibration

mounting plate with the capability to dramatically reduce vibration levels and audible noise.
- Suitability for analyzers, cleaning and disinfectant devices, water treatment systems, fuel cells and semiconductors, among many other applications.

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