

Micro Diaphragm Liquid Pump



The KNF “Type NF1.60” micro diaphragm pump for dosing or transferring liquids or liquid-gas mixtures is ideally engineered to realize powerful performance in a small package. This compact high-pressure solution can deliver flow rates up to 650 ml/min, self-prime to 8.86 in.Hg suction, and operate against pressures up to 87 PSI both intermittently and continuously over the entire lifetime of the pump.

Type NF1.60 pumps integrate a patented valve system featuring precise valve structures and additionally benefit from sophisticated diaphragm technology to achieve high levels of efficiency. They can be powered by either a brush-commutated DC motor or brushless DC motor to promote extended service life. Pumps run dry, perform virtually maintenance-free, and can be mounted easily in any position.

Type NF1.60 pumps offer superior chemical resistance resulting from the use of PP, PTFE, EPDM, and FFMP materials for components that will come into contact with the pumped medium. Most neutral and aggressive liquids can be handled without risk of corrosion or other damage.

A wide range of standard voltages and frequencies can be specified. Specialized complementary accessories can be supplied, including diaphragm pressure control valves, pulsation dampers, tubing, and shock mounts. Custom products can be developed to satisfy particular OEM application requirements.

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