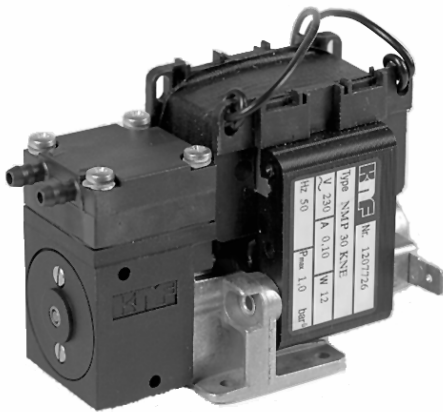


- Sampling Conditioning Systems
- Process Analytics
- System Integration
- Gas Generators
- FTIR-Analysers



GAS SAMPLING PUMP

NMP 830KNE & N86KNE & N89KNE



FEATURES

- ◆ Uncontaminated flow
- ◆ Compact size
- ◆ High pneumatic performance
- ◆ High level of gas tightness
- ◆ Long product life
- ◆ Ready for assembly
- ◆ Maintenance free

GENERAL

The Diaphragm Gas Sampling Pumps are based on a simple principal an elastic diaphragm, fixed on its edge, moves up and down its central point by means of an eccentric. In this way the medium is transferred using automatic valves.

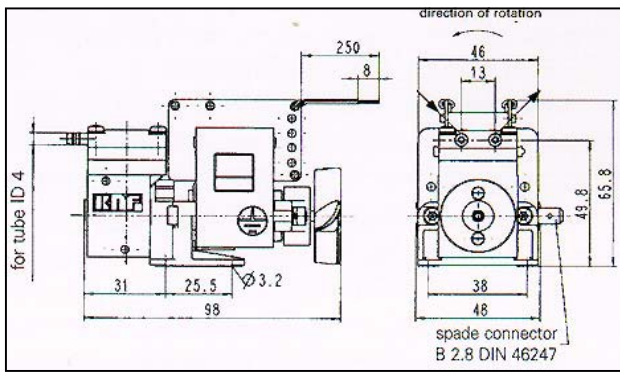
TECHNOLOGY

The range of Pumps is for the first time equipped with the patented stress-optimised structured diaphragm, resulting in a high pneumatic performance, a durable product and compact size. In addition special valves ensure the minimum resistance to flow. The parts used to transfer the gases can be made from materials with varying degrees of durability. The pumps can be driven by AC motor for long durability. The AC models are suitable for permanent use.

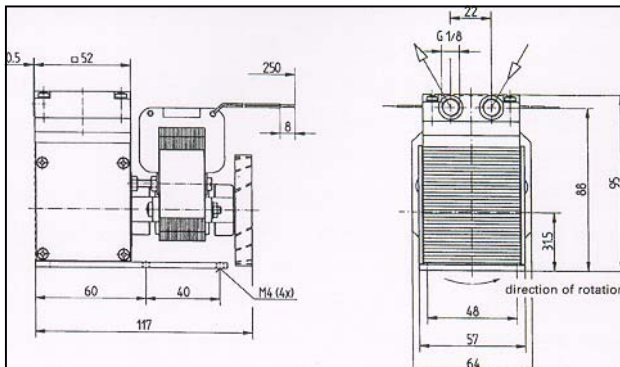
FEATURES

No contamination of the media due to oil-free operation. A high pneumatic performance because of structured diaphragm. A high level of gas tightness thanks to the closed diaphragm surface and special sealing system. The pumps have a low aerodynamic loss by means of a new valve system. The Diaphragm Gas Sampling Pumps have a long product life and are ready for assembly. Operation in any installed position. The pumps are used frequently in the fields of analysis and medicine, for instance as pumps for gas measurement, for example for sampling environmental conditions in the workplace, or for exhaust gas and smoke analysis or built into machines for measuring blood pressure.

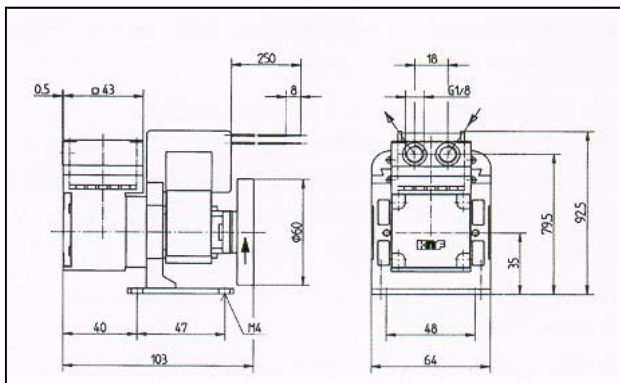
NMP 830KNE



N 89KNE



N 86KNE



Specification subject to change without notice.

PDS_E_Gas Sampling Pumps_09/05_Rev.1

JCT Analysentechnik GmbH

Werner Heisenberg-Straße 4 A-2700 Wiener Neustadt
Tel. +43 (0) 2622 / 87201 Fax +43 (0) 2622 / 872011
E-Mail: sales@jct.at Web: www.jct.at

