

TRANSFER LIQUIDS ACCORDING TO ATEX

Highlights

- High resistance to chemicals
- Over pressure safety valve
- Self-priming, safe dry running
- Long service life
- Maintenance free

The KNF Group specializes in the development, manufacture and worldwide marketing of diaphragm pumps and systems for air, gases, vapors and liquids.

ATEX compliant pumps are often required for process engineering and manufacturing in the chemical industry especially in areas which contain explosive gases or when flammable liquids need to be pumped.

There are 12 different pump variations in our product range which comply with the 2014/34/EU directive and we would be delighted to offer advice on which is the best for your application.

**KNF Ex pump head, \odot II 2G Ex h IIB T5 Gb
Ex motor, 230V/50-60Hz, II 2G Ex db IIC T4 Gb**

| SELECTION OF STANDARD PUMPS | | | | | |
|-----------------------------|--------------------------------------|-------------------------|--------------------------|------------------|-------------------|
| Type | Flow rate at atmos. pressure (l/min) | Max. suction head (mWg) | Max. pressure head (mWg) | Material options | |
| | | | | Head | Valves, diaphragm |
| NF 1.100_EX | 1.2 | 2.5 | 40 | PP, PVDF | EPDM, FFKM, PTFE |
| NF 1.100_27 EX | 1.2 | 2.5 | 40 | PP, PVDF | EPDM, FFKM, PTFE |
| NF 1.300_EX | 3.0 | 40 | PP, PVDF | EPDM, FFKM, PTFE | |
| NF 1.300_27 EX | 3.0 | 2.5 | 40 | PP, PVDF | EPDM, FFKM, PTFE |

