clear all values

OPERATING CONDITIONS

*Flow [m³/h]: _____

Inlet pressure [bar]: _____

*Differential pressure [bar]: _____

Vacuum at inlet: ☐ no ☒ yes

Vacuum, abs. [mbar]: _____

LIQUID DATA

*Pumped liquid: _____

*Liquid temperature [°C]: _____

*Density [kg/dm³]: _____

*Viskosity [mPas]: _____

Concentration [%]: _____

Solids: ☐ no ☐ yes

Kind of solids: _____

Size of solids [mm]: _____

abrasiv: ☐ no ☐ yes

Cleaning / Sterilisation

CIP: ☐ no ☐ yes

CIP Temperature [°C]: _____

CIP Flow [m³/h]: _____

CIP Head [m lc]: _____

SIP: ☐ no ☐ yes

SIP Temperature [°C]: _____

SIP Duration [min]: _____

PUMP EXECUTION

*Connection type: _____

Connection size DN_I / DN_A: _____/_____

Execution & Design

- ☐ horizontal port orientation
- ☐ vertical port orientation
- ☐ Pump with bare shaft end
- ☐ Pump on stainless steel baseplate with geared motor and coupling
- ☐ Pump in stainless steel trolley with geared motor and coupling
- ☐ with stainless steel motor shroud (SUPER)

Shaft Seal

- ☐ single mechanical seal
- ☐ single mechanical seal, quenched
- ☐ double mechanical seal (Tandem or back-to-back)
- ☐ O-Ring shaft seal (single or double)

Material Shaft Seal

- ☐ Carbon / SiC
- ☐ SiC / SiC

Elastomer

- ☐ EPDM
- ☐ FKM (Viton)
- ☐ FFKM / FEP-S

*Fields marked with an asterisk are required for a selection.

Surface Roughness

- ☐ Ra ≤ 0.8 µm
- ☐ Ra ≤ 0.4 µm

Ferrite Content

- ☐ not specified
- ☐ Fe < 3%
- ☐ Fe < 1%

Options

- ☐ integrated pressure reliev valve
- ☐ aseptic front cover
- ☐ thermal jacket for front cover
- ☐ thermal jacket for rotor case
- ☐ stainless steel pump gearbox

Rotor Profile

- ☐ multilobe
- ☐ bi-wing
- ☐ uni-wing

MOTOR DATA

*Voltage [V]: _____ *Frequency [Hz]: _____

Thermistors: ☐ yes ☐ no

Variable Speed Drive:

☐ no ☐ yes: ☐ external frequency converter
☐ integrated frequency converter

Explosion Proofed: ☐ no ☐ yes

ATEX ☐ no ☐ yes: Ex-Zone: _____
Temperature class: _____
Ambient temperature [°C]: _____

CERTIFICATES & DOCUMENTATION

- ☐ Inspection certificate 3.1 acc. to DIN EN 10204
- ☐ Test report 2.2 acc. to DIN EN 10204
- ☐ Further certificates and documentation:
- ☐ FDA declaration of conformity
- ☐ Surface roughness test report
- ☐ Delta Ferrite test report

_____

FURTHER INFORMATION

*Fields marked with an asterisk are required for a selection.