Inquiry Sheet
Centrifugal Pumps

HÄNYTEC
Pumpen ▪ Prozesse ▪ Service

clear all values

CONTACT DATA

Company: _____

Contact person: _____ e-mail: _____

Phone: _____ Customer No: _____

PREFERED VENDOR

☐ _____ ☐ _____ ☐ _____

LIQUID DATA

*Liquid: _____

*Liquid temperature [°C]: _____ Solids: ☐ no ☐ yes

*Density [kg/dm³]: _____ Kind of solids: _____

Viskosity [mPas]: _____ Size of solids [mm]: _____

Conentration [%]: _____ abrasiv: ☐ no ☐ yes

OPERATING CONDITIONS

*Duty point 1: Flow [m³/h]: _____ Head [m lc]: _____

Duty point 2: Flow [m³/h]: _____ Head [m lc]: _____

Inlet pressure (NPSHa) [m]: _____ Vacuum at inlet: ☐ no ☐ yes

Suction head [m]: _____ Vacuum, abs. [mbar]: _____

System pressure: _____ Gas content: ☐ no ☐ <5% ☐ >5%

☐ end-suction pump ☐ self-priming pump

Cleaning / Sterilisation

CIP: ☐ no ☐ yes SIP: ☐ no ☐ yes

CIP Temperature [°C]: _____ SIP Temperature [°C]: _____

CIP Flow [m³/h]: _____ SIP Duration [min]: _____

CIP Head [m Fls]: _____

PUMP EXECUTION

*Connection Type:

☐ DIN 11851 Connection Size DN_I / DN_O: _____/_____

☐ DIN 11853-2 / 11864-2 Drain port: ☐ no

☐ Other: _____ ☐ yes: _____

Execution & Design

☐ Pump in Bloc version

☐ Pump in Bloc version with bearing bracket and standard motor

☐ Pump in long coupled version with base plate and standard motor

☐ with stainless steel motor shroud

☐ on calotte feet ☐ on trolley

☐ horizontal ☐ vertical

*Fields marked with an asterisk are mandatory for a pump selection.

Surface Roughness

- ☐ not specified
- ☐ Ra ≤ 3.2 µm
- ☐ Ra ≤ 0.8 µm
- ☐ Ra ≤ 0.4 µm

Ferrite Content

- ☐ not specified
- ☐ Fe < 1%

Shaft Seal

- ☐ single mechanical seal
- ☐ flushed mechanical seal
- ☐ pressurised mechanical seal back-to-back

Material Shaft Seal

- ☐ Carbon / Stainless Steel
- ☐ SiC / SiC
- ☐ Carbon / SiC
- ☐ other: _____

Elastomere

- ☐ EPDM
- ☐ FKM (Viton)
- ☐ other: _____

MOTOR DATA

Supply voltage:

- ☐ 3~ 400V / 50 Hz
- ☐ 3~ 460V / 60 Hz
- ☐ 3~ 380V / 60 Hz
- ☐ 3~ 200V / 50 Hz
- ☐ 3~ 200V / 60 Hz
- ☐ other:_____

Motor Speed [1/min]: _____ 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

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

FURTHER INFORMATION

*Fields marked with an asterisk are mandatory for a pump selection.