

# PUMP QUESTIONNAIRE FORM – SHEET 1/2

Form fields marked (\*) are mandatory



For completing this questionnaire you will need the Acrobat-Reader which you can download [here](#) free of charge.

## CUSTOMER DATA

---

Company*	Contact person*	Email*
Phone	Street	Postal code and city
Project name	Position no.	Number of pumps*

## REQUIRED TECHNICAL BASIC DATA

---

Capacity (m <sup>3</sup> /h) min - normal (*) - max	-	-	
Head (m) min - normal (*) - max	-	-	
Liquid description*	Liquid temperature (°C/°F)*	pH value*	Salt contents*
Operating voltage (V)*	Frequency (Hz)*	Protection class (IP)*	
Explosion protection zone*	EEx / ATEX class*	Temperature class*	
No      Yes      Please add the following data			

## OPERATING CONDITIONS

---

Concentration of liquid (%)	Viscosity (mPas) (cP) (cSt)	Density (kg/m <sup>3</sup> )
Solids contents	Description of solids contents	Concentration (%)
No      Yes      Please add the following data		
Solids size (mm)	Abrasive	
Gas contents	Gas type	Gas contents %
No      Yes      Please add the following data		

# PUMP QUESTIONNAIRE FORM – SHEET 2/2

Form fields marked (\*) are mandatory



## PUMP SYSTEM PARAMETERS

---

NPSH available (m)	Vacuum (mbar)	Inlet flow to the pump (m)	Suction head (m)
Suction pipe length (m)	Suction pipe diameter (DN)	Delivery pipe length (m)	Delivery pipe diameter (DN)

## PLACE OF INSTALLATION

---

Installation altitude (m)	Outside installation No      Yes	Ambient temperature (°C/°F)
---------------------------	-------------------------------------	-----------------------------

## PUMP DESIGN

---

Horizontal	Vertical	Non-selfpriming	Selfpriming	Immersed
------------	----------	-----------------	-------------	----------

## SHAFT SEALING DESIGN

---

- Gland packing
- Single acting mechanical seal
- Double acting mechanical seal (back to back or tandem)
- Quench
- Magnetic coupling

## PUMP MATERIALS

---

- Grey cast iron
- Nodular cast iron
- Bronze
- Stainless steel
- Super duplex

## MOTOR

---

- Pump without motor
- Classification for service on board ship
- Suitable for variable frequency drive (VFD)
- VFD integrated in motor
- Thermistors
- Energy efficiency class (IE):

## REMARKS

---

(In case of missing data best solution will be selected with reservation – finally to be checked by customer)

