

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 ³ /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 ³)
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)
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PUMP DESIGN

Horizontal	Vertical	Non-selfpriming	Selfpriming	Immersed
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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)

