Questionnaire for Pump Design

WANGEN progressing cavity pump (ESP)

Please send back to: **mail@wangen.com**

**Orange = Compulsory Information*
**Blue = compulsory information, if orange is unknown*

Information to the Company			
Name of Company: *(alternative: company's stamp)*		Date: *(dd/mm/yy)*	
Responsible Person at the company:		Agent Code: *(internal use only)*	
Address:		Customer No.: *(if available)*	
Post code/city/country:			
Phone / Mobile:			
Email Address:			
Offer required until: *(dd/mm/yy)*		Delivery required until: *(dd/mm/yy)*	
Quantity pumps required for this application:		Subject / Commission:	

Industry:
☐ Agriculture ☐ Anaerobic Digestion ☐ Environmental ☐ Food & Beverage
☐ Oil & Gas ☐ Shipbuilding & Marine ☐ Chemical Industry / Paper Processing
☐ Pharmaceuticals + Cosmetics ☐ Waste Water System

Information to the Medium			
Medium Name:			
Flowability similar to *(e.g. Honey, Butter, yogurt, …)*:			
Solids content % TS:		☐ abrasive	☐ chem. aggressive
Solids size [mm]:	☐ hard ☐ round ☐ soft ☐ stringy ☐ sharp cornered		
Viscosity [mPa·s]:		Temperature [°C]:	
Specific gravity: [kp/dm³]:		pH:	
Flow rate:	Information in ☐ [l/h] ☐ [l/Min] ☐ [m³/h]		
Additional Information *(e.g. Ingredients)*:			

Information to the Suction side			
Pressure: ☐ positive ☐ negative	How high?:	Information in ☐ [bar] ☐ [mWc]	
Suction/inflow pipe length [m]:		Diameter ∅ [mm]:	
Additional Information:	☐ elbow: pcs	☐ T-piece: pcs	☐ flat slide valve: pcs

Information to the Discharge side:			
Pressure:		Information in ☐ [bar] ☐ [mWc]	
Delivery pipe-length [m]:		Diameter ∅ [mm]:	
Additional Information:	☐ elbow: pcs	☐ T-piece: pcs	☐ flat slide valve: pcs

Pumpenfabrik Wangen GmbH, Simoniusstraße 17, 88239 Wangen im Allgäu, Germany
Tel.: +49 7522 997-0, E-Mail: mail@wangen.com, Web: www.wangen.com

Pump design and specific Materials

Pump Design:	☐ Standard (horizontal)			
	☐ Hopper Pump	Hopper size [L x W] [mm]:		
	☐ Immersion (vertical)	Immersion depth: [mm]:		
	☐ Floor cage	☐ Mounting bracket	☐ homogeniser	
	☐ Fugator	☐ Rotomix	☐ Flange	
Operation time [h/day]:		Turn-on frequency per day:		
Housing:	☐ cast iron ☐ steel	☐ 1.4301	☐ 1.4571	
Rotating parts:		☐ 1.4301	☐ 1.4571	
Rotor:	☐ hollow (nitrided)			
	☐ full ☐ 1.2436H	☐ ST-H ☐ 1.4301	☐ 1.4571	
Stator:	☐ NBR ☐ EPDM	☐ FPM ☐ other	☐ Dry-running protection	
Universal joint:	☐ with sleeve	☐ with feed screw		
Shaft sealing:				
Suction flange:	DN ☐ PN16	☐ DIN11851	Others:	
Discharge flange:	DN ☐ PN16	☐ DIN11851	Others:	
Planned pump: *(internal use only)*				
Which type of pump currently in use:			How many:	
Additional Information:				

Cleaning in Place

Cleaning in Place CIP:	☐ yes ☐ no	Max. Temperature [°C]:
Medium: *(Concentration in %)*		

Motor

☐ gear motor		
☐ Power Take-Off (PTO)	Size [mm]:	
☐ Hydraulic Motor		
☐ direct to electricity supply	☐ has frequency converter	☐ offer with frequency converter
Rating [kw]:	Protection Class: IP	
Voltage:	☐ multi range / Standard	☐ other Voltage:
Frequency:	☐ 50 Hz	☐ 60 Hz
Additional Information:		

Installation

☐ base frame	☐ base bracket	☐ mobile

Lack Coating

Location:	☐ outdoor	☐ indoor	
Lack Coating:	☐ Standard (C1)	☐ neutral (C2 / C3)	☐ aggressive (C4 / C5)
	☐ special colour:		

Certificates

☐ DIN EN 10204, 3.1	☐ ATEX *(add. Questionnaire to be completed)*	☐ EHEDG	☐ 3A

Other important information

P&I-Diagram:
Others: