

# Questionnaire for Pump Design

WANGEN progressing cavity pump (ESP)



Please send back to: Email: [bos@wangen.com](mailto:bos@wangen.com)

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\*Orange = Compulsory Information

\*Blue = compulsory information, if orange is unknown



Information to the Company			
Name of Company: <i>(alternative: company's stamp)</i>		Date: <i>(dd/mm/yy)</i>	
Responsible Person at the company:		Agent Code: <i>(internal use only)</i>	
Address:		Customer No.:	<i>(if available)</i>
Post code/city/country:			
Phone / Mobile:			
Email Address:			
Offer required until: <i>(dd/mm/yy)</i>		Delivery required until: <i>(dd/mm/yy)</i>	
Quantity pumps required for this application:		Subject / Commission:	
<b>Industry:</b>			
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Anaerobic Digestion	<input type="checkbox"/> Environmental	<input type="checkbox"/> Food & Beverage
<input type="checkbox"/> Oil & Gas	<input type="checkbox"/> Shipbuilding & Marine	<input type="checkbox"/> Chemical Industry / Paper Processing	
<input type="checkbox"/> Pharmaceuticals + Cosmetics	<input type="checkbox"/> Waste Water System		
Information to the Medium			
<b>Medium Name:</b>			
Flowability similar to <i>(e.g. Honey, Butter, yogurt, ...)</i> :			
Solids content % TS:	<input type="checkbox"/> abrasive	<input type="checkbox"/> chem. aggressive	
Solids size [mm]:	<input type="checkbox"/> hard	<input type="checkbox"/> round	<input type="checkbox"/> soft
	<input type="checkbox"/> stringy	<input type="checkbox"/> sharp cornered	
Viscosity [mPa·s]:	Temperature [°C]:		
Specific gravity: [kp/dm³]:	pH:		
Flow rate:	Information in <input type="checkbox"/> [l/h]	<input type="checkbox"/> [l/Min]	<input type="checkbox"/> [m³/h]
Additional Information <i>(e.g. Ingredients)</i> :			
Information to the Suction side			
Pressure: <input type="checkbox"/> positive <input type="checkbox"/> negative	How high?:	Information in <input type="checkbox"/> [bar]	<input type="checkbox"/> [mWc]
Suction/inflow pipe length [m]:	Diameter Ø [mm]:		
Additional Information: <input type="checkbox"/> elbow:          pcs	<input type="checkbox"/> T-piece:          pcs	<input type="checkbox"/> flat slide valve:          pcs	
Information to the Discharge side:			
Pressure:	Information in <input type="checkbox"/> [bar]	<input type="checkbox"/> [mWc]	
Delivery pipe-length [m]:	Diameter Ø [mm]:		
Additional Information: <input type="checkbox"/> elbow:          pcs	<input type="checkbox"/> T-piece:          pcs	<input type="checkbox"/> flat slide valve:          pcs	

Pump design and specific Materials				
Pump Design:	<input type="checkbox"/> Standard (horizontal)			
	<input type="checkbox"/> Hopper Pump	Hopper size [L x W] [mm]:		
	<input type="checkbox"/> Immersion (vertical)	Immersion depth: [mm]:		
	<input type="checkbox"/> Floor cage	<input type="checkbox"/> Mounting bracket	<input type="checkbox"/> homogeniser	
	<input type="checkbox"/> Fugator	<input type="checkbox"/> Rotomix	<input type="checkbox"/> Flange	
Operation time [h/day]:		Turn-on frequency per day:		
Housing:	<input type="checkbox"/> cast iron	<input type="checkbox"/> steel	<input type="checkbox"/> 1.4301	<input type="checkbox"/> 1.4571
Rotating parts:			<input type="checkbox"/> 1.4301	<input type="checkbox"/> 1.4571
Rotor:	<input type="checkbox"/> hollow (nitrided)			
	<input type="checkbox"/> full	<input type="checkbox"/> 1.2436H	<input type="checkbox"/> ST-H	<input type="checkbox"/> 1.4301 <input type="checkbox"/> 1.4571
Stator:	<input type="checkbox"/> NBR	<input type="checkbox"/> EPDM	<input type="checkbox"/> FPM	<input type="checkbox"/> other <input type="checkbox"/> Dry-running protection
Universal joint:	<input type="checkbox"/> with sleeve		<input type="checkbox"/> with feed screw	
Shaft sealing:				
Suction flange:	DN	<input type="checkbox"/> PN16	<input type="checkbox"/> DIN11851	Others:
Discharge flange:	DN	<input type="checkbox"/> PN16	<input type="checkbox"/> DIN11851	Others:
Planned pump: <i>(internal use only)</i>				
Which type of pump currently in use:				How many:
Additional Information:				
Cleaning in Place				
Cleaning in Place CIP:	<input type="checkbox"/> yes	<input type="checkbox"/> no	Max. Temperature [°C]:	
Medium: <i>(Concentration in %)</i>				
Motor				
<input type="checkbox"/> gear motor				
<input type="checkbox"/> Power Take-Off (PTO)	Size [mm]:			
<input type="checkbox"/> Hydraulic Motor				
<input type="checkbox"/> direct to electricity supply	<input type="checkbox"/> has frequency converter		<input type="checkbox"/> offer with frequency converter	
Rating [kw]:		Protection Class: IP		
Voltage:	<input type="checkbox"/> multi range / Standard		<input type="checkbox"/> other Voltage:	
Frequency:	<input type="checkbox"/> 50 Hz		<input type="checkbox"/> 60 Hz	
Additional Information:				
Installation				
<input type="checkbox"/> base frame		<input type="checkbox"/> base bracket	<input type="checkbox"/> mobile	
Lack Coating				
Location:	<input type="checkbox"/> outdoor	<input type="checkbox"/> indoor		
Lack Coating:	<input type="checkbox"/> Standard (C1)	<input type="checkbox"/> neutral (C2 / C3)	<input type="checkbox"/> aggressive (C4 / C5)	
	<input type="checkbox"/> special colour:			
Certificates				
<input type="checkbox"/> DIN EN 10204, 3.1	<input type="checkbox"/> ATEX <i>(add. Questionnaire to be completed)</i>		<input type="checkbox"/> EHEDG	<input type="checkbox"/> 3A
Other important information				
P&I-Diagram:				
Others:				