

# Data sheet for agitator determination

--- site 1 ---



firm:	<input type="text"/>	proj.engineer:	<input type="text"/>
street:	<input type="text"/>	phone.:	<input type="text"/>
location:	<input type="text"/>	telefax:	<input type="text"/>
Department:	<input type="text"/>	e-mail:	<input type="text"/>

we need the estimate by:	<input type="text"/>	scheduled date of delivery:	<input type="text"/>
--------------------------	----------------------	-----------------------------	----------------------

we need for following use:	<input type="text"/> pcs. mixers	mixing tank:	<input type="checkbox"/> vertical	<input type="checkbox"/> horizontal
vessel form:	<input type="checkbox"/> cylindrical Ø: <input type="text"/> height: <input type="text"/>	<input type="checkbox"/> angular	Length: <input type="text"/> width: <input type="text"/> height: <input type="text"/>	

bottom:	<input type="checkbox"/> flat	please specify angle:	<input type="text"/>
	<input type="checkbox"/> torispherical head	please specify angle:	<input type="text"/>
	<input type="checkbox"/> conical		
	<input type="checkbox"/> inclined		

bottom:	<input type="checkbox"/> flat		
	<input type="checkbox"/> torispherical head I		
<input type="checkbox"/> flange:	DN: <input type="text"/>	PN: <input type="text"/>	DIN: <input type="text"/>

build of tank:	baffles: <input type="text"/> pcs.	other (heating coil, pipes etc.):	<input type="text"/>
----------------	------------------------------------	-----------------------------------	----------------------

agitator mounting:	<input type="checkbox"/> from above	<input type="checkbox"/> centric	accessories:	<input type="checkbox"/> support
	<input type="checkbox"/> from below	<input type="checkbox"/> eccentric		<input type="checkbox"/> clamp
	<input type="checkbox"/> lateral			<input type="checkbox"/> wall holding device

operating conditions:	<input type="checkbox"/> pressureless	<input type="checkbox"/> vacuum	<input type="text"/> bar	pressure	<input type="text"/> °C
		<input type="checkbox"/> pressure	<input type="text"/> bar		

				solid materials		
components	quantity (m³)	density (kg / m³)	viscosity (mPa*s)	quantity (%)	density (kg / m³)	grain size (mm)
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

# Data sheet for agitator determination

--- site 2 ---



## flow properties:

- newtonsch
- not newtonsch
- thixotrop
- dilatant
- visko elastisch
- visko plastisch

## mixing task:

- homogenization
- suspension
- dispersion
- gasification
- heat exchange
- To stay in motion

## intensity:

- low
- medium
- high

## method of operation:

- only with full tank
- discontinuous

- also for filling and emptying
- continuous

m<sup>3</sup>/h:

## operation:

- continuous operation
- short operation

## filling levels:

minimum:

maximum:

## materials:

- carbon steel
- stainless steel
- steel covered by hardrubber
- others:
- steel / PP
- steel / PVDF
- steel / halar

## seal:

- none
- short stuffing box
- stuffing box
- mechanical seal
- shaft sealing ring

## drive:

- electric motor
- compressed air motor

safety group IP:

voltage:  V

frequency:  Hz

- FC-operation
- installation outdoors
- ATEX2014/34/EU

zone inside vessel

zone outside vessel

class of temperature