



**MIXER TECHNICAL REQUIREMENT**

Company name:		Contact name:	
Email:		Phone / Fax:	
Customer Ref:		Quantity of agitators:	
Date of request:		Required date for answer:	

**DESCRIPTION OF YOUR PROCESS:**

MARKET SEGMENT

APPLICATION

FUNCTION OF THE TANK

**AIM OF MIXING**

- |   |                                      |  |   |
|---|--------------------------------------|--|---|
| <input type="checkbox"/> Homogenization           | <input type="checkbox"/> Dilution    | <input type="checkbox"/> Solids suspension | <input type="checkbox"/> Reaction       |
| <input type="checkbox"/> Blending viscous liquids | <input type="checkbox"/> Dissolution | <input type="checkbox"/> Heat transfer     | <input type="checkbox"/> Gaz dispersion |

Other:

**CHARACTERISTICS OF PRODUCT**

Component name	Specific Gravity (kg/m³)	Viscosity (cp)	Quantity (kg)	Solids Size (µm)	Comments (abrasive, sticky, hard to wet, not miscible, looks like ...)
TOTAL (Mixing)					

**OPERATING CONDITIONS**

Mixer operating while FILLING or EMPTYING required  
 No  Yes

**ATEX**

No  Yes

Frequency of Agitation

Continuous operation  Batch

Passing Flowrate (m³/h)

Mixing time in hour

\* If YES, fill mandatory table below.

	Thank	Outside	Inside
Area			
Class of Temp.			
GAZ Group			

Parameter Inside Tank

Temperature (°C) : 

Operating	Design
<input type="text"/>	<input type="text"/>

Pressure (bar g) : 

Operating	Design
<input type="text"/>	<input type="text"/>

Comments:

**ANY EXISTING MIXER**

- Is an existing agitator already working in your plant for the same application?  NO  YES
- Are you satisfied with it?  NO  YES
- If NO, what is the reason?  Problem Process  Mechanical problem
- Comments:

**Description of the actual mixer**

<input type="checkbox"/> Power (kW)	<input type="text"/>	<input type="checkbox"/> Rotation speed (tr/min)	<input type="text"/>
<input type="checkbox"/> Type and Number of propeller	<input type="text"/>	<input type="checkbox"/> Diameter of propeller (mm)	<input type="text"/>



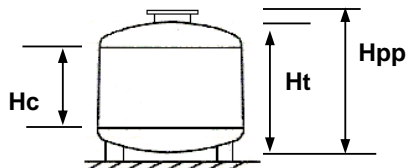
## DESCRIPTION OF THE TANK

Tank environmental condition    
  Inside Tank    
  Outside Tank

Cylindrical Tank

Open Tank

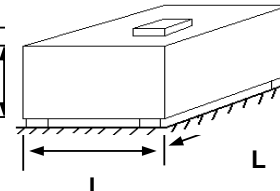
Closed Tank



Rectangular Tank

**Hpp**

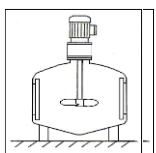
**Ht**



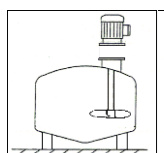
<b>∅</b>	Diameter (mm)	
<b>Ht</b>	Total height (mm)	
<b>Hc</b>	Cylindrical Height (mm)	
<b>Hpp</b>	Mounting flange height (mm)	
<b>V</b>	Working volume (m <sup>3</sup> )	
<b>HL</b>	Liquid height (mm)	
<b>P</b>	"Fixing Flange" dimension/type	
<b>TH</b>	Manhole (mm)	

<b>L</b>	Length (mm)	
<b>I</b>	Width (mm)	
<b>Ht</b>	Total height (mm)	
<b>Hpp</b>	Mounting flange height (mm)	
<b>V</b>	Working volume (m <sup>3</sup> )	
<b>HL</b>	Liquid height (mm)	
<b>P</b>	"Fixing Flange" dimension/type	
<b>TH</b>	Manhole (mm)	

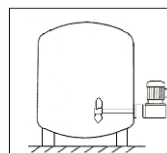
## MOUNTING POSITION



Top entry, Centered

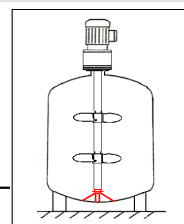


Top entry, Off-centered



Side Entry

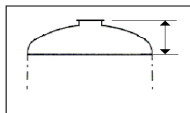
Bottom bearing allowed



NO  
 YES

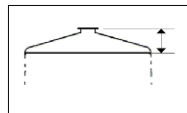
## DETAILED TANK DESCRIPTION

### TOP END



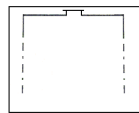
Dished

Height (mm) :

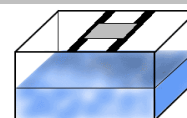


Conical

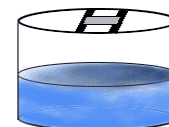
Height (mm) :   
 Conical α° :



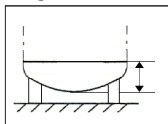
Flat



Open Tank

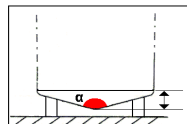


### BOTTOM END



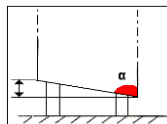
Dished

Height (mm) :



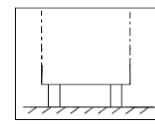
Conical

Height (mm) :   
 Conical α° :



Inclined

Height (mm) :   
 Slope α° :



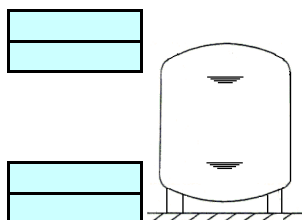
Flat

## ADDITIONAL INFORMATIONS

### VOLUMES :

Maximal Volume (m<sup>3</sup>) :   
 Maximal Height (mm) :

Minimal Volume (m<sup>3</sup>) :   
 Minimal Height (mm) :



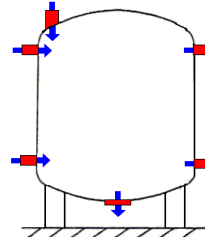
### PASSING FLOWRATE :

Inlet/Top

Inlet/Bottom

Outlet/Top

Outlet/Bottom



Other :

