

Inquiry data sheet Fluitec Mixer / heat exchanger



Contact:

Company:		Phone:		Project / Inquiry-Nr:	
Name:		Fax:		Inquiry requested until:	
Street:		E-Mail:			
ZIP/Town:		Country:		Only budget quotation:	<input type="checkbox"/> Yes <input type="checkbox"/> No

Inquiry:

Process Data:

	Unit:	Product stream		Heating / cooling stream (HTM)	
Name fluid:	[-]				
Flow minimal:	[m ³ h ⁻¹]				
Flow normal:	[m ³ h ⁻¹]				
Flow maximal:	[m ³ h ⁻¹]				
Max allowed pressure drop:	[bar]				
		Inlet	Outlet	Inlet	Outlet
Density:	[kg m ⁻³]				
Viscosity:	[Pas]				
Specific heat capacity:	[J kg ⁻¹ K ⁻¹]				
Thermal conductivity:	[W m ⁻¹ K ⁻¹]				
Temperature:	[°C]				
Classification fluid: (acc. 2014/68/EU)	[-]	<input type="checkbox"/> gaseous <input type="checkbox"/> liquid <input type="checkbox"/> hazardous <input type="checkbox"/> not hazardous		<input type="checkbox"/> gaseous <input type="checkbox"/> liquid <input type="checkbox"/> hazardous <input type="checkbox"/> not hazardous	

Viscosity of the product at the inlet temperature of the heating / cooling stream (wall viscosity): PasRheologie product: ☐ Newtonian ☐ Shear thinning → Please add a shear rate / viscosity diagram

Mechanical Data:

Mixing bundle:	<input type="checkbox"/> Not removable	<input type="checkbox"/> Removable	Notice: <input type="checkbox"/> Standard configuration	
Design code:	<input type="checkbox"/> AD2000	<input type="checkbox"/> ASME	<input type="checkbox"/> <input type="text"/>	
Connections product-room:	<input type="checkbox"/> Flange EN1092	<input type="checkbox"/> Flange ANSI	<input type="checkbox"/> Free tube end	<input type="checkbox"/> <input type="text"/>
Connections HTM-room:	<input type="checkbox"/> Flange EN1092	<input type="checkbox"/> Flange ANSI	<input type="checkbox"/> Free tube end	<input type="checkbox"/> <input type="text"/>
Planned nominal diameter of connections:	Product-room DN <input type="text"/>	HTM-room DN <input type="text"/>		
Material product contacting parts:	<input type="checkbox"/> 316 L / 316 Ti	<input type="checkbox"/> 304 / 304 L	<input type="checkbox"/> Duplex 2205	<input type="checkbox"/> <input type="text"/>
Material not product contacting parts:	<input type="checkbox"/> 316 L / 316 Ti	<input type="checkbox"/> 304 / 304 L	<input type="checkbox"/> Duplex 2205	<input type="checkbox"/> <input type="text"/>
Product-room:	Max. allowed pressure: <input type="text"/> bar	Max. allowed temperature: <input type="text"/> °C		
HTM-room:	Max. allowed pressure: <input type="text"/> bar	Max. allowed temperature: <input type="text"/> °C		
Maximal installation length / orientation:	<input type="checkbox"/> No <input type="checkbox"/> Yes → <input type="text"/> mm	<input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal		

Remarks:

Documentation: (if required)

- | | |
|---|--|
| <input type="checkbox"/> Drawing / Parts list | <input type="checkbox"/> List of material certificates |
| <input type="checkbox"/> Welding specifications | <input type="checkbox"/> Fabrication control plan |
| <input type="checkbox"/> <input type="text"/> | <input type="checkbox"/> <input type="text"/> |