

Questionnaire for Mixer / Heat Exchanger

Company: _____

Contact: _____

Address: _____

Telephone: _____

Telefax: _____

eMail: _____

Your reference: _____

Date: _____

Description of application, sketch

Please enter data into table on reverse side

SULZER

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Please turn over

Data for engineering

Process design	Product side	Heating or cooling medium side
Product name		
Fluidum class		
Flow rate	kg/h	
Flow rate	minimum	
	normal	
	maximum	
Specific heat	J/kg K	
Density	kg/m ³	
Viscosity	Pas **	at inlet temp. ___ °C, ___ Pas
		at ___ °C, ___ Pas
		at outlet temp. ___ °C, ___ Pas
		at temp. of heating or cooling medium ___ °C, ___ Pas
Thermal conductivity	W / m K	
Inlet temperature	°C	
Outlet temperature	°C	
Max. allowed pressure drop	bar	
Residence time (if a specific one is desired)	min	

** Please enclose viscosity diagram in function of shear rate

Pressure = _____

Planned installation: Horizontal Vertical, whereas Flow up
 Maximum installation lenght: _____ Flow down

Planned pipe diameter = _____ Other diameter possible? Yes No

Material of construction:

Mixing elements: V4A $\hat{=}$ AISI 316

Mixer pipe: V4A $\hat{=}$ AISI 316

Design Code: DIN/AD Others
 ASME

Flange type: DIN 2633 PN16 DIN 11851 (Sanitary screw connection)
 ANSI B 16.5 150 lbs _____

Inner pipe: Design pressure = _____ Design temperature = _____
 Jacket: Design pressure = _____ Design temperature = _____
 PED: category / module: _____ ATEX: Ex-zone / Gas group: _____