REFERENCE :	DESIGN :
ITEM :	

PURPOSE

Homogenization	❒	Blending	❒
Dissolution	❒	Dilution	❒
Putting on suspension	❒	Suspending solids	❒
Dispersion	❒	Chemical reaction	❒
Emulsion gas/liquid	❒	Emulsion liquid/liquid	❒
Crystallization	❒	Heat transfer	❒
Flocculation	❒	Deflocculating	❒
Degasification	❒	Liquefaction	❒

PRODUCT

Product	State	Mass	SP. GR.	Viscos.	Temp.

SOLID

Quantity	g / l	Granulometry	µm
SP. GR.		Settling speed	cm/s
Soluble	❒ YES	❒ NO	
Abrasive	❒ YES	❒ NO	

FINAL MIXING

SP. GR. (density) :		Viscosity :	
Newtonian	❒ YES	❒ NO	

TANK

Capacity	Total :	m³	-	Operating : m³
Cylindrical	❒ Ø	Hv	Ht	
	❒ horizontal		❒ vertical	
Parallel	❒	L	l	H
Other :	❒			
Bottom :	❒ Flat	❒ conical	❒ bent	
Fixation:	❒ sectional irons on tank		❒ tank edge	
	❒ flange norm NP		ND	
Baffles :	❒ YES	❒ NO		
	Type:			

OPERATING CHARACTERITICS

Quantity	:	mini	maxi	m³
Processing time	:	❒ continuous		
		❒ discontinuous		h/jour
Temperature	:	mini	maxi	°c
Pressure	:	mini	maxi	bar abs

Working :	Position :
❒ full tank	❒ tope entry
❒ during filling	❒ side entry
❒ during emptying	❒ tank edge
❒ unwatering	❒ bottom entry

Location : ❒ indoors ❒ outdoors

TECHNICAL CHARACTERISTICS

ATEX : ❒ YES ❒ NO
- Gas area : ❒ YES ❒ NO
- Dust area : ❒ YES ❒ NO
- Indoor :
- Outdoor :
- Temperature class : ❒T1 ❒T2 ❒T3 ❒T4 ❒T5 ❒T6

Electric current :
- Single phase ❒ YES ❒ NO ❒
- three phase ❒
- Voltage : V Frequency : Hz

Motor :
- Rotation speed : rpm
- Type :
- Mark :
- Power : kW
- Weatherproof protection degree :

Transmission :
- Direct : ❒ YES ❒ NO
- Belts and pulley : ❒ YES ❒ NO
- Others : ❒

Variable speed device : ❒ YES ❒ NO
- Mechanical ❒ Electronic ❒
- Gear range :

Guiding :
- Reducer ❒ Turret ❒
- JET L ❒
- JET V ❒
- Intermed. bearing ❒ YES ❒ NO
- Guiding bottom ❒ YES ❒ NO

Sealing :
- None ❒
- V RING gasket ❒
- Hydraulic seal ❒
- Stuffing box ❒ on sleeve ❒
- with filler ❒
- Mechanical seal ❒ single ❒
- double ❒
- ❒ dry
- ❒ lubrication :
- ❒ in place removable
- ❒ sterilizable
- ❒ Brand :

Material :
- Stainless Steel ❒ type finished
- Coating ❒ type
- Carbon steel ❒ others ❒

Mobile type :
- ❒ turbine ❒ impeller ❒ anchor
- ❒ others

Painting : ❒ standard ❒ others

PROCESS INFORMATIONS AND OBSERVATIONS

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