

ProQuip Inc.

Data Sheet for Top Entering Agitators

Please fill out as accurately and completely as possible to help us recommend the most economical mixer for your application. Including any information which more clearly defines your problem, such as previous experience, specific properties sketches, samples etc.

Name	<input type="text"/>	Title	<input type="text"/>
Company	<input type="text"/>	Your Reference	<input type="text"/>
Address	<input type="text"/>	Phone Number	<input type="text"/>
	<input type="text"/>	Fax Number	<input type="text"/>
	<input type="text"/>	Email	<input type="text"/>

Tank Data

	<p>Please show dimensions on sketch at left or enclose tank drawing. Describe other internals such as heating coils. Show locations and clearances.</p>
	<p>Type</p> <p><i>Cylindrical</i></p> <input type="checkbox"/> Vertical <input type="checkbox"/> Horizontal <input type="checkbox"/> Rectangular
<p>Top Head</p> <input type="checkbox"/> Open <input type="checkbox"/> Flat <input type="checkbox"/> Std F&D <input type="checkbox"/> ASME F&D <input type="checkbox"/> Cone <input type="checkbox"/> Other	<p>Tank is <input type="checkbox"/> New <input type="checkbox"/> Existing</p> <p>If existing, can it be modified as required, such as addition of baffles, changes of mixer supports, etc.</p>
<p>Manway Size _____</p> <p>Bottom Head</p> <input type="checkbox"/> Flat <input type="checkbox"/> Pitched <input type="checkbox"/> Std F&D <input type="checkbox"/> ASME F&D <input type="checkbox"/> Cone <input type="checkbox"/> Other	<p>Space restrictions:</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>
<p>Std. Bearing Allowed</p> <input type="checkbox"/> Yes <input type="checkbox"/> No	

Construction Materials:	Tank	Mixer
Design Pressure	<input type="text"/> psig.	Temp. <input type="text"/> °F
Type of Shaft Seal	<input type="checkbox"/> Required <input type="checkbox"/> Preferred	
<input type="checkbox"/> Vapor	<input type="checkbox"/> Stuffing Box	<input type="checkbox"/> Mechanical <input type="checkbox"/> ProQuip to Recommend
Seal Lubricant		Steady Bearing Bushing

Motor Characteristics			
<input type="text"/> Volts	<input type="text"/> Phase	<input type="text"/> Htz	Enclosure _____
Special insulation or requirements _____			
Other _____			

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Process Details

Your Process

Describe in your own words what the mixer is to do and how the results are measured

Operation is Batch with min. mixing time. Continuous at gpm flowrate

Normal operating volume gallon Min gallon Max gallon

Mixer should be selected for Normal Maximum volume

Operating temperature max min Pressure max min

Kind of Process: Check all appropriate boxes. Add description, if required.

<input type="checkbox"/> Liquids Only	<input type="checkbox"/> Liquids and Solids	<input type="checkbox"/> Liquid and Gas
<input type="checkbox"/> Blend miscible liquids <input type="checkbox"/> Hold or prevent stratification of existing mixture <input type="checkbox"/> Contact immiscible liquids <input type="checkbox"/> Emulsification <input type="checkbox"/> Heat Transfer <input type="checkbox"/> Chemical Reaction	<input type="checkbox"/> Suspend solids adequately to prevent buildup <input type="checkbox"/> Suspend solids entirely off bottom <input type="checkbox"/> Suspend solids uniformly <input type="checkbox"/> Dissolving <input type="checkbox"/> Washing or leaching	<input type="checkbox"/> Gas Dispersion <input type="checkbox"/> Gas Absorption <input type="checkbox"/> Stripping

Components names where possible

Liquids	No. 1	No.2	No. 3	No. 4		Solids
Name					Weight %	<input type="checkbox"/>
Weight %					S.G.	<input type="checkbox"/>
S.G.					Settling rate	<input type="checkbox"/> ft./min
Viscosity					Particle size range:	
Other Data						
Other Data						
Final Mixture				Gas	Solids added <input type="checkbox"/> wet	
S.G.				Flowrate	<input type="checkbox"/>	dry
Viscosity				measured at	<input type="checkbox"/>	
Other				and	<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	
					<input type="checkbox"/>	

Is the process performed at present Yes No

Describe present installation, including batch dimensions, horsepower, and size, speed, type and location of impellers.

Is performance satisfactory? If not, why?

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Other useful information

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