

## AGITATOR DATA SHEET

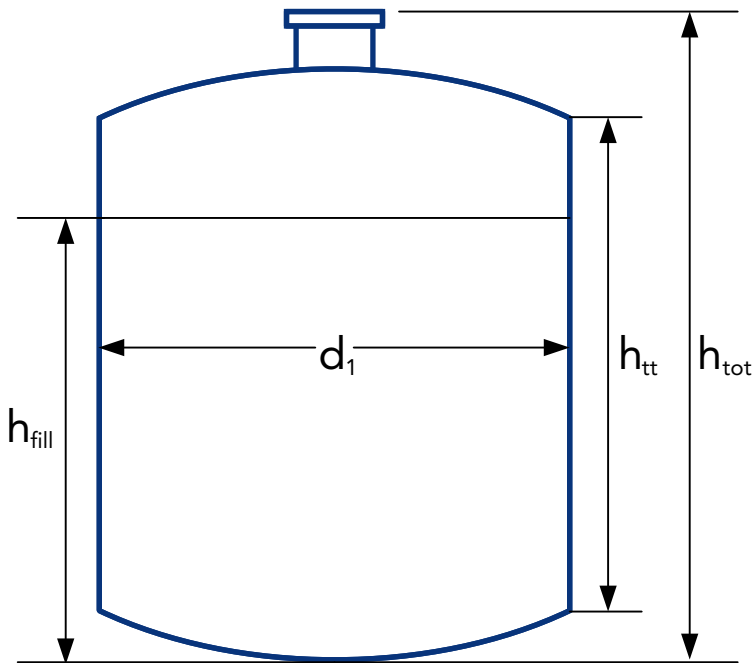
Name: \_\_\_\_\_ Date: \_\_\_\_\_

Company: \_\_\_\_\_ EKATO Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

### VESSEL DATA



$h_{tot}$  \_\_\_\_\_ (total height)

$h_{tt}$  \_\_\_\_\_ (tangent/tangent)

$h_{fill}$  \_\_\_\_\_ (fill height)

$d_1$  \_\_\_\_\_ (tank diameter)

Vessel Head Type : \_\_\_\_\_

Wetted Parts: \_\_\_\_\_

Process Temp: \_\_\_\_\_

Process Pressure: \_\_\_\_\_

Agitator Mounting Nozzle Size: \_\_\_\_\_ Largest Opening to Pass Impeller: \_\_\_\_\_

Steady Bearing Allowed:  Yes  No

Baffles (if existing): Number: \_\_\_\_\_ Baffle Size: \_\_\_\_\_ (H) \_\_\_\_\_ (W) \_\_\_\_\_ (L)

Required Mixing Tasks:

Blending

Liquid/Liquid Dispersion

Gas/Liquid Dispersion

Off Bottom Suspension of Solids

Homogeneous Suspension of Solids

Other: \_\_\_\_\_

## PRODUCT DATA

	Component 1	Component 2	Final Product
Density			
Viscosity (cps)			
Wt% Solids			
Particle Size (um)			

**Process Description (special considerations, e.g. sticky product, foaming, shear sensitivity):**

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**Preferred Existing Design (if applicable):**

Motor hP: \_\_\_\_\_ Impeller Type: \_\_\_\_\_  
Shaft Diameter: \_\_\_\_\_ Impeller Diameter: \_\_\_\_\_  
Shaft Length: \_\_\_\_\_ Seal Type: \_\_\_\_\_  
No. Impellers: \_\_\_\_\_

**Motor Requirements:**

TEFC      Area Class. \_\_\_\_\_  
 VFD      Preferred Vendor: \_\_\_\_\_  
Other: \_\_\_\_\_

**Sealing Requirements:**

Double       Single      Single Ring Material: \_\_\_\_\_  
 Dry       Lip Seal      O-Ringe Material: \_\_\_\_\_  
 Magdrive       Triple      Product Side: \_\_\_\_\_  
 Stuffing Box      atm. Side: \_\_\_\_\_