

Bulk Bag Unloader Application Datasheet

Company: KELLANOVA
Address: _____
City: LINARES
State: NL Zip: _____
Proposal Due Date: _____
Today's Date: 11 julio 2025

Contact: JOEL RODRIGUEZ
Title: _____
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Phone: _____
Fax: _____
Funded: ☒ Yes ☐ No

Material Information

Material Name: FLAT RICE
Bulk Density: 35 PCF
Particle Size: 5 TO 8 MM
Moisture Content: 1 %
Temperature: 110° F

Characteristics

☒ Abrasive ☐ Adhesive ☐ Cohesive
☐ Corrosive ☐ Degradable ☒ Dusty
☐ Explosive ☐ Flammable ☐ Friable
☐ Hazardous ☐ Hygroscopic ☒ Packs
☐ Smears ☐ Toxic
Other: _____

Flowability

☐ Flow Freely from Bulk Bag
☒ Does Not Flow Freely from Bulk Bag
☒ Compacts ☐ Bridges
☐ Interlocks ☐ Ratholes

Material Composition

☐ Fiber ☒ Flake ☐ Granule
☐ Pellet ☐ Powder ☒ Irregular
☐ Other: _____

Electrical & Power Information

Electrical Supply: 460 VAC / 3 Ø / 60 Hz - Other: _____
Area Classification: Class _____ Division _____ Group(s) _____
K_{st} & P_{max} Value: N/A
Grounding: N/A
Plant Air: 10 CFM @ 80 PSI - Other: _____

Control Voltage: 24 VDC - 120 VAC - Other: _____
Enclosures: NEMA 12 - NEMA 4 - NEMA 4X - NEMA 7/9
Explosion Suppression: N/A
Type of Conduit: Galvanized - Stainless - Other: _____

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Bulk Bag and Pallet Information

Bulk Bag Dimensions: _____
Straps: _____
Spout Information: 17"
Liner: _____
Grounded Bag: _____
Pallet Dimensions: _____
Pallet Style/Orientation: _____

General Build Requirements

Available Ceiling Height: _____
Washdown: Water – Pressure - Caustic DRY CLEAN
Product Contact: CS – 304-2B SS – 316L
Weld & Grind Finish: _____
Non-Product Contact: CS – 304-2B SS – 316L SS
Paint Color (RAL #): _____

Equipment Evaluation & Features Selection

Bulk Bag Style: Hoist - Forklift - Lower Frame
Bag Flow Aids: Hydraulic Rams - Support Pan - Massage Paddles
Bag Spout Flow Restrictor: None - Iris Valve - Pinch Valve
Bag Spout Interconnection: None - Untie Box - E3/E2
Dust Collection: Vent Stub – NBE Dust Collector

Required Discharge Height: _____
Loss-in-Weigh: None - Load Cell Scale Package
Material Flow Aid: None - Agitator – Solimars - Vibrator
Empty Bag Disposition: Bulk Bag Collapse
Discharge Rate: 7000 LB/HR
Batch or Continuous Process: _____

Auxiliary Discharge Equipment/Interconnection:

- | | | |
|--|---|--|
| <input type="radio"/> Rotary Airlock | <input type="radio"/> Incline Screw | <input type="radio"/> Horizontal Screw |
| <input type="radio"/> Vibratory Feeder | <input type="radio"/> Pneumatic Conveying | <input type="radio"/> Other: _____ |

Equipment Sketch (Stackup – Orientation – Interconnection)

