

Flexible Screw Conveyor Application Datasheet

Company: _____
Address: _____
City: _____
State: _____ Zip: _____
Proposal Due Date: _____
Today's Date: _____

Contact: _____
Title: _____
Email: _____
Phone: _____
Fax: _____
Funded: ☐ Yes ☐ No

Material Description

Material Name: _____
Bulk Density: _____
Particle Size: _____
Moisture Content: _____
Temperature: _____

Characteristics

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

Flowability

☐ Flow Freely
☐ Does Not Flow Freely
☐ Compacts ☐ Bridges
☐ Interlocks ☐ Ratholes

Material Properties

☐ Builds Up ☐ Flake ☐ Granule
☐ Pellet ☐ Powder ☐ Irregular
☐ Very Fine ☐ Fine ☐ Granular
☐ Lumpy ☐ 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: _____
Grounding: _____
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: _____
Type of Conduit: Galvanized – Stainless – Other: _____

Flexible Screw Conveyor Application Datasheet

General Build Requirements

Available Ceiling Height: _____

Washdown: Water - Cleaning - Solutions _____

Product Contact: CS – 304-2B SS – 316L _____

Weld & Grind Finish: _____

Non-Product Contact: CS – 304-2B SS – 316L SS _____

Paint Color (RAL #): _____

Equipment Evaluation

Top Cover: None - Hinged - Bolted - Welded _____

Grate: None - Grate (Screen Opening): _____

Cover Ports/Holes: _____

Material Flow Aid: None - Agitator – Solimars - Vibrator _____

Discharge Base: Infeed Boot – Hopper (Capacity): _____

Required Discharge Height: _____

Required Discharge Angle: _____

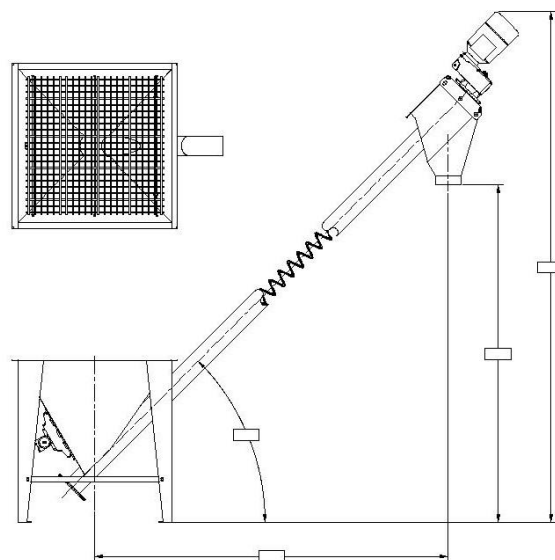
Available Ceiling Height: _____

Discharge Rate: _____

Batch/Continuous: _____

Feeder or Metering Device: _____

Equipment Sketch (Stackup – Orientation – Interconnection)



National Bulk Equipment

12838 Stainless Drive | Holland, MI 49424 | USA
616.399.2220 phone | 616.399.7365 fax
www.nbe-inc.com | sales@nbe-inc.com