# Application Data Sheet
## Rotary Valve

## Customer Information

Company: _____

Name: _____

Title: _____

Address: _____

Email: _____

Phone: _____

## Material Information

Materials: _____

Bulk Densities: _____

Particle Size: _____

Material Flowability: _____

☐ Hygroscopic ☐ Abrasive ☐ Friable ☐ Toxic

☐ Corrosive ☐ Hazardous ☐ Heat Sensitive ☐ Cohesive

Is the material combustible? ☐ Yes ☐ No

If so please fill out the information below.

Additional information to comply with NFPA 69 for combustible dust:

KST: _____

Pmax: _____

Pred: _____

*Note: If the rotary valve is used to isolate a piece of equipment with explosion venting then the Pred is needed. If there is no venting, then the Pmax is needed.

## Construction Requirements

☐ Carbon Steel ☐ 304 S/S ☐ 316 S/S ☐ Other: _____

Inlet Flange: ☐ Square ☐ Round

Outlet Flange: ☐ Square ☐ Round

Are there any special finish requirements, polish, or coating etc.? If so, please list: : _____

Additional Features:

☐ Inspection Door ☐ Motion Switch

☐ Shaft Seal Packing Purge ☐ Replaceable Rotor Tips ☐ Vent

## Electrical Requirements

Motor Enclosure: ☐ TEFC ☐ Explosion Proof

Class: _____ Division: _____ Group: _____

Motor Voltage:

☐ 230/460V 3PH 60HZ Standard ☐ Other: _____

☐ VFD Inverter/Speed Ctrl.

Is a specific motor manufacturer and/or rating required?
If so, please list: _____

## Application Information

☐ Metering ☐ Non-Metering Airlock

Equipment at Valve Inlet: _____

Equipment at Valve Outlet: _____

Pressure/Vacuum: Design: _____ Operating: _____

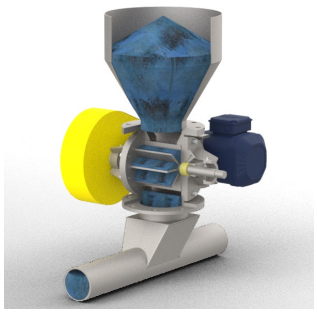
Temperature: Design: _____ Operating: _____

Differential Pressure (If Known):
Design: _____ Operating: _____

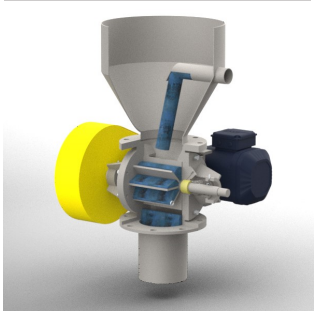
Capacity Required: _____lbs/hr

Current Inlet Connection Size: _____

Additional Requirements: _____



**Metering:**
Valve is volumetrically controlling the flow of product.

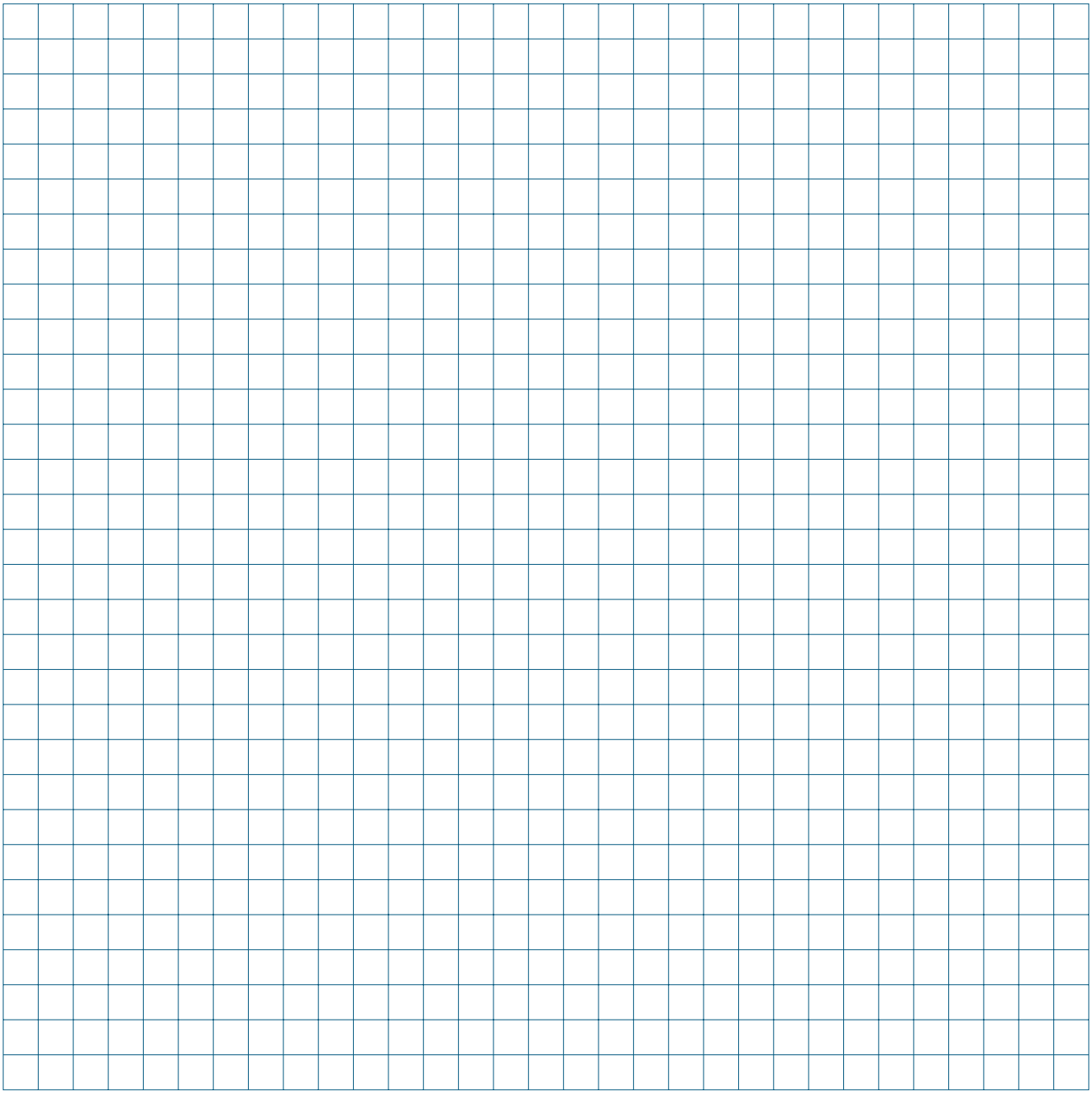


**Non-Metering Airlock:**
Valve is over-sized to allow product to pass through the valve without accumulating at the inlet.

# Application Data Sheet

## Rotary Valve

### Application Drawing (Optional)



sales@younginds.com | younginds.com (800) 546-3165 | 16 Painter Street, Muncy, PA 17756