

# Application Data Sheet

## Rotary Valve

### Customer Information

Company: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Address: \_\_\_\_\_  
Email: \_\_\_\_\_  
Phone: \_\_\_\_\_

### Material Information

Materials: \_\_\_\_\_  
Bulk Densities: \_\_\_\_\_ lbs/ft<sup>3</sup>  
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

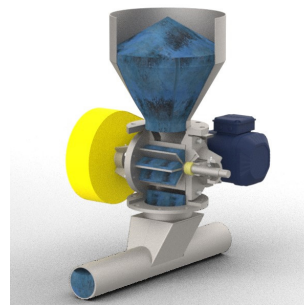
☐ Carbon Steel ☐ 304 S/S ☐ 316 S/S ☐ Other: \_\_\_\_\_  
Inlet Flange: ☐ Square ☐ Round  
Outlet Flange: ☐ Square ☐ Round  
Are there any special finish requirements, polish, or coating etc.? If so, please list: : \_\_\_\_\_  
Additional Features:  
☐ Inspection Door ☐ Motion Switch  
☐ Shaft Seal Packing Purge ☐ Replaceable Rotor Tips ☐ Vent

### Electrical Requirements

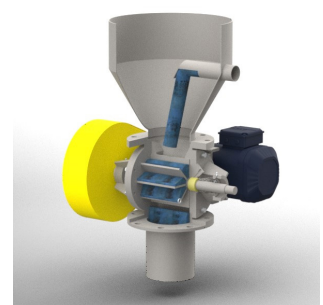
Motor Enclosure:  
☐ TEFC  
☐ Explosion: Proof  
Class: \_\_\_\_\_ Division: \_\_\_\_\_ Groups: \_\_\_\_\_  
Motor Voltage:  
☐ 230/460V 3PH 60HZ ☐ Other  
VFD Rated?: ☐ Yes ☐ No  
Is a specific motor manufacturer and/or rating required? If so, please list: \_\_\_\_\_

### Application Information

☐ Metering ☐ Non-Metering Airlock  
Equipment at Valve Inlet: \_\_\_\_\_  
Equipment at Valve Outlet: \_\_\_\_\_  
Pressure/Vacuum:  
Design: \_\_\_\_\_ PSI/in. Hg Operating: \_\_\_\_\_ PSI/in. Hg  
Temperature: Design: \_\_\_\_\_ °F Operating: \_\_\_\_\_ °F  
Differential Pressure (If Known):  
Design: \_\_\_\_\_ PSI Operating: \_\_\_\_\_ PSI  
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.



\_\_\_\_\_

[illegible]