

# FEEDER/AIRLOCK APPLICATION INFORMATION

Which function below best describes the purpose of the valve in your system?

- AIRLOCK  
Unit does not control flow of material. Acts as air seal only.
- FEEDER  
Unit controls flow of material. No significant pressure differential.
- FEEDER/AIRLOCK  
Units act as air seal and controls the flow of material.

What is ABOVE Rotary Valve?

- Hopper     Silo     Baghouse     Cyclone     Filter Receiver.  
 Screw  
 Shredder     Dryer     Mixer     Other: \_\_\_\_\_

Pressure Above Valve is:

- Positive     Negative     Atmospheric  
\_\_\_\_\_ PSI    \_\_\_\_\_"HG    \_\_\_\_\_" H<sub>2</sub>O

Temperature above valve is: \_\_\_\_\_ ° F.

Is there a "Head" of Material?     Yes     No

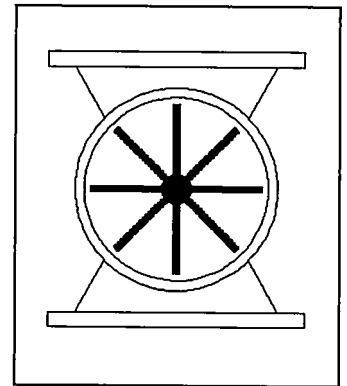
What is BELOW Rotary Valve?

- Hopper     Screw     Airslide®     Belt     Chute     Mixer  
 Tank     Vac. Line     Pres. Line     Other: \_\_\_\_\_

Pressure Beneath Valve is:

- Positive     Negative     Atmospheric  
\_\_\_\_\_ PSI    \_\_\_\_\_"HG    \_\_\_\_\_" H<sub>2</sub>O

Temperature beneath valve is: \_\_\_\_\_ ° F.



## Mechanical Characteristics

Common Name: \_\_\_\_\_ Chemical Formula: \_\_\_\_\_

Bulk Density, Aerated: \_\_\_\_\_ LBS./CU.FT.

Bulk Density, Settled: \_\_\_\_\_ LBS./CU.FT.

Maximum Particle Size: \_\_\_\_\_

Particle Type/Shape is:

- Pellet     Powder     Chip     Lump     Granular  
 Flake     Curl     Fibrous     Other: \_\_\_\_\_

## Special Characteristics

- Hygroscopic     Corrosive-Reactive     Explosive     Sticky-Smears     Toxic-Emits Fumes  
 Heat Sensitive     Aerates-Dusty     Tends To Pack     Other: \_\_\_\_\_

Abrasiveness:

- Extreme     Moderate     Mild

Is Sample Available? \_\_\_\_\_

## Flow Rate:

Maximum Rate of Flow Per Hour: \_\_\_\_\_ S-TONS    \_\_\_\_\_ LBS.    \_\_\_\_\_ BSHLS.

If Variable Feed Rate Required?     Yes     No

Max. Rate: \_\_\_\_\_ Min. Rate: \_\_\_\_\_

Duty Cycle:     Continuous     Intermittent

Location:     In-Plant     Outdoors     Portable

Electrical:    \_\_\_\_\_PH    \_\_\_\_\_Hz    \_\_\_\_\_VOLTS     TEFC     EXPL. PRF.

Please copy this form and fax it to our sales office at 610-264-6735, and we will provide an estimate promptly.