



## Application Data Sheet for Rotary Airlock Valves

### Customer Information

Customer Name		Inquiry Date	
Company Name		Phone No.	
Email Address		Address	

### Process Gas Information

Unit/Equipment No.	
Service	<i>Feeding/Pneumatic Pressure Conveying/Vacuum Conveying</i>
Valve will be under	<i>Silo/Cyclone/Weight Feeder/Dryer/Mixer/Screw Feeder/Other</i>
Valve will be above	
Pressure at Valve Inlet	<i>barg</i>
Pressure at Valve Outlet	<i>barg</i>
Product Temperature	<i>°C max</i>
	<i>°C min</i>
Throughput	<i>T/h max</i>
	<i>T/h min</i>
Operation	<i>Intermittent/Continuous/Other</i>
Location	<i>Indoor/Outdoor</i>
Area Classification	<i>Dust/Hazardous/Other</i>
ATEX	<i>Zone 20/Zone 21/Zone 22/IECEX/Other</i>

### Any Additional Comments if Required

- 1)
- 2)
- 3)

**Product**

<b>Name</b>	
<b>Average Bulk Density</b>	<i>t/m<sup>3</sup></i>
<b>Particle Size</b>	<i>[max]</i>
	<i>[min]</i>
<b>Angle of Repose</b>	<i>degrees</i>
<b>Moisture</b>	<i>% wt. (wet basis)</i>
<b>Flowability</b>	
<b>Characteristics</b>	<i>Abrasive/Fluidizing/Sticky/Hygroscopic/Corrosive/Explosive/Dust/Toxic/Other</i>
<b>Other Characteristics</b>	

**Valve Specification**

<b>Number Required</b>	
<b>Type</b>	<i>Blow-Through/Drop-Through</i>
<b>Body, End Covers</b>	<i>Cast Iron/Stainless Steel 316/Other</i>
<b>Rotor Material</b>	<i>Mild Steel/Stainless Steel 316/Other</i>
<b>Number of Blades</b>	<i>8/9/10/Other</i>
<b>Rotor Blades</b>	<i>Fixed/Adjustable</i>
<b>Shaft Sealing</b>	<i>Gland Packing/Air Purge Glands/Dairy Sanitary Seal/Other</i>
<b>Accessories</b>	<i>Rotor Interference Sensor/Drop Out Box/Inlet Restrictor/Counter Flange/Flow Meter/Pressure Regulator/Transition/Vent Box</i>

**Any Additional Comments if Required**

- 1)
- 2)
- 3)



**Drive**

<b>Make</b>	<i>SEW/NORD/Other</i>
<b>Voltage</b>	<i>220-240/380-415 V, 3 Ph/Other</i>
<b>Frequency</b>	<i>50Hz/60Hz</i>
<b>Protection</b>	<i>IP55/IP65/IP66</i>
<b>Other</b>	
<b>Thermistor</b>	<i>Y/N</i>

***Any Additional Comments if Required***

- 1)
- 2)
- 3)

Please email your filled-in questionnaire to [ben@nescompany.com](mailto:ben@nescompany.com) and [josh@nescompany.com](mailto:josh@nescompany.com).