The Scale Separator Valve is designed to separate dry bulk material from a conveying air stream and direct that material into a hopper. It is also known as a scale diverter, hopper valve, bottom diverter, or through diverter.

**The Scale Separator Valve includes:**
- Aluminum body for light weight and corrosion resistance.
- Sanitary, smooth interior with no rubber parts in product zone.
- Standard bronze diverter vane, stainless steel vane available.
- All metal, tightly machined, sanitary construction.
- Air cylinder operated with 120VAC electric solenoid valve and limit switches for position feedback to control system (electrical components pre-wired to a color-coded harness for easy installation).

**Specifications**

- **Pressure Rating:** 15 psig
- **Tube O.D.:** 3” to 5”
- **Weight:**
  - 3” 98 lbs. (20 kg)
  - 4” 101 lbs. (20 kg)
  - 5” 140 lbs. (27 kg)

**Dimensions in Inches [Millimeters]**

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>F</th>
<th>G</th>
<th>H” (Flour)</th>
<th>H” (Sugar)</th>
<th>J (Sugar Only)</th>
</tr>
</thead>
</table>

**FEATURE**

- **VANE**
  - **FLOUR VALVE**
  - **SUGAR VALVE**
- **Edges**
  - Square
  - Beveled
- **Clearance**
  - .001”-.003”
  - .005”-.008”

**STANDARD**

- **Construction**
  - Aluminum
- **Deflector Vane**
  - Bronze
- **Position Sensors**
  - Limit Switches

**OPTIONAL**

- 304 Stainless Steel

**Specify To Order:**

- Pfening Scale Separator Valve
- Either Flour or Sugar
- Tube Size (3” to 5” O.D.)
- Desired Options