The Model 12 is a blow-through rotary airlock feeder typically mounted under a bin for steady feeding of bulk material into a pneumatic conveying line.

**The Model 12 includes:**
- Industrial cast iron body for rigidity.
- Rugged steel rotor with oversize shaft for minimal deflection.
- Precision machining for smooth action and effective seal.
- Outboard bearings with inboard shaft seals for long bearing life and easy seal replacement.
- High efficiency cyclo-gearmotor with OSHA chain guard.
- Horizontal motor minimizes over-head clearance required.

### Standard Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Florent Feeder</th>
<th>Sugar Feeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>Capacity</td>
<td>Up to 400 lbs./min. 182 kg./min.</td>
<td>Up to 450 lbs./min. 205 kg./min.</td>
</tr>
<tr>
<td>Rotor Vane</td>
<td>Standard</td>
<td>Beveled rotor tips Skewed rotor vanes</td>
</tr>
<tr>
<td>Rotor Clearance</td>
<td>.002&quot; - .005&quot;</td>
<td>.007&quot; - .009&quot;</td>
</tr>
<tr>
<td>Rotor Shaft Seals</td>
<td>PTFE impregnated packing w/ external gland</td>
<td>Pfening GR-4 air purge type airseal</td>
</tr>
</tbody>
</table>

**Displacement:** 0.64 ft³/rev.  
**Operating RPM:** 0 to 40  
**Tube O.D.:** 4" to 5"  
**Construction:**  
- Cast Iron & Steel  
- Optional: Stainless Steel  
**Electrical:**  
- **Voltage:** 208-230-460V/3/60 other voltages available  
- **Motor:** 3/4 HP TEFC  
**Weight:** 570 lbs. (455 lbs. no drive) 259 kg. (206 lbs. no drive)