**Koger Air Industrial Rotary Airlock Feeders**

- Maintains operating air pressure and control of pneumatic material conveying system; most effective in low pressure industrial applications.
- Roller chain and sprocket driven by a parallel shaft reducer with 2 HP, 3-phase, 60 hertz, 230/460 volt motor. Protective chain guard is constructed with an expanded metal front for easy visibility of chain operation.
- C-flange motor mount permits positive drive for more torque and increased efficiency.

- Maintenance

  - Round inlet and outlet flanges are pre-drilled with \(\frac{1}{8}\)" bolt holes for quick and easy installation. Available with matching flanges.
  - Easy service access to rotor through removable sideplates.
  - Performance fully guaranteed for one year.

- Custom Options:
  - Size
  - Materials, including Stainless and Abrasion Resistant Steel
  - Square inlet and outlet flanges
  - Special paint and color

- Standard Chain Driven Airlock Feeders

<table>
<thead>
<tr>
<th>Size</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>Motor HP</th>
<th>Voltage</th>
<th>RPM</th>
<th>Cubic Ft/Rev.</th>
<th>WT</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>10 1/4&quot;</td>
<td>14</td>
<td>23 1/4&quot;</td>
<td>27 1/4&quot;</td>
<td>23</td>
<td>33 1/4&quot;</td>
<td>9 1/2&quot;</td>
<td>6</td>
<td>230/460</td>
<td>4</td>
<td>28</td>
<td>1.85*</td>
<td>400 lb.</td>
</tr>
<tr>
<td>10&quot;</td>
<td>13 1/4&quot;</td>
<td>14</td>
<td>23 1/4&quot;</td>
<td>27 1/2&quot;</td>
<td>23</td>
<td>33 1/4&quot;</td>
<td>11 1/2&quot;</td>
<td>6</td>
<td>230/460</td>
<td>4</td>
<td>28</td>
<td>1.85*</td>
<td>400 lb.</td>
</tr>
<tr>
<td>12&quot;</td>
<td>17 1/4&quot;</td>
<td>16</td>
<td>24 3/4&quot;</td>
<td>27 1/2&quot;</td>
<td>23</td>
<td>33 1/4&quot;</td>
<td>13 1/2&quot;</td>
<td>8</td>
<td>230/460</td>
<td>4</td>
<td>28</td>
<td>2.15*</td>
<td>400 lb.</td>
</tr>
<tr>
<td>16&quot;</td>
<td>25 1/4&quot;</td>
<td>20</td>
<td>29 1/4&quot;</td>
<td>30 1/4&quot;</td>
<td>30 1/2&quot;</td>
<td>43 1/2&quot;</td>
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<td>8</td>
<td>230/460</td>
<td>6</td>
<td>28</td>
<td>3.00*</td>
<td>470 lb.</td>
</tr>
<tr>
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<td>29 1/4&quot;</td>
<td>20</td>
<td>40 3/4&quot;</td>
<td>30 1/2&quot;</td>
<td>43 1/2&quot;</td>
<td>46 1/2&quot;</td>
<td>21 1/4&quot;</td>
<td>12</td>
<td>230/460</td>
<td>6</td>
<td>16</td>
<td>4.50*</td>
<td>590 lb.</td>
</tr>
<tr>
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<td>33 1/4&quot;</td>
<td>20</td>
<td>45 3/4&quot;</td>
<td>31 1/4&quot;</td>
<td>49 1/2&quot;</td>
<td>52 1/4&quot;</td>
<td>25 1/2&quot;</td>
<td>12</td>
<td>230/460</td>
<td>6</td>
<td>16</td>
<td>5.00*</td>
<td>690 lb.</td>
</tr>
<tr>
<td>30&quot;</td>
<td>40 1/4&quot;</td>
<td>24</td>
<td>55 1/4&quot;</td>
<td>32 1/2&quot;</td>
<td>63 1/2&quot;</td>
<td>70 1/4&quot;</td>
<td>30 1/2&quot;</td>
<td>15</td>
<td>230/460</td>
<td>6</td>
<td>15</td>
<td>8.50*</td>
<td>1200 lb.</td>
</tr>
<tr>
<td>36&quot;</td>
<td>46 1/4&quot;</td>
<td>24</td>
<td>64 1/2&quot;</td>
<td>36 3/4&quot;</td>
<td>71 1/2&quot;</td>
<td>82 1/2&quot;</td>
<td>37 1/2&quot;</td>
<td>15</td>
<td>230/460</td>
<td>6</td>
<td>15</td>
<td>14.50*</td>
<td>1500 lb.</td>
</tr>
</tbody>
</table>

* Volumetric displacement is 100% as listed. Capacity selection is from 40% to 60%.

**Certified drawings with specific construction dimensions are available upon request.**

**Notes:**
- All airlocks are normally shipped same day.
- Square inlet and outlet flanges are pre-drilled with \(\frac{1}{8}\)" bolt holes for quick and easy installation. Available with matching flanges.
- Easy service access to rotor through removable sideplates.
- Performance fully guaranteed for one year.

* Standard 10" to 24" airlocks are normally shipped same day. Certified drawings with specific construction dimensions are available upon request. Custom options include:
  - Size
  - Materials, including Stainless and Abrasion Resistant Steel
  - Square inlet and outlet flanges
  - Special paint and color

**A I R L O C K S**