### Appendix D—Outline Dimensions

**Models 91–691 and F91–F691 Bare with Flywheel**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<th>K</th>
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<td>4-11/16</td>
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<td>11/16</td>
<td>10-11/16</td>
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<td>29-5/8</td>
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<td>5-3/8</td>
<td>9/16</td>
<td>14-1/2</td>
<td>14-3/8</td>
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<th>P</th>
<th>Q</th>
<th>R</th>
<th>S***</th>
<th>T</th>
<th>A-belt</th>
<th>Groove</th>
<th>B-belt</th>
<th>Groove</th>
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<td>1/4</td>
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<td>1-1/4</td>
<td>5/16</td>
<td>15.2</td>
<td>3</td>
<td>15.6</td>
<td>3</td>
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<td>(142.9)</td>
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<td>(406.4)</td>
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<td>(31.8)</td>
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<td>(396.2)</td>
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<td>3-13/16</td>
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<td>2-1/8</td>
<td>1/2</td>
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<td></td>
<td></td>
</tr>
<tr>
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<td>(176.2)</td>
<td>(96.8)</td>
<td>(495.3)</td>
<td>(54.0)</td>
<td>(12.7)</td>
<td></td>
<td>(485.8)</td>
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</tr>
</tbody>
</table>

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*All dimensions are in inches (millimeters).*

42
Appendix D—Outline Dimensions

Models 91 with -107 or -107A Mounting (Model -107A Shown Below)
Appendix D—Outline Dimensions

Model 291 with 107 Mounting (Motor Frames Up to 215T)

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model 291 with 107 Mounting (Motor Frames 254T and Up)

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model 491 with 107 Mounting

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model 691 with 107 Mounting

All dimensions are in inches (millimeters).
## Appendix D—Outline Dimensions

Models 91–691 with -109 or -109A Mounting (Model -109A Shown Below)

### Models 91–691

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>A1</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>D1</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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<tbody>
<tr>
<td>91-109, -109A</td>
<td>1-3/16 (30.2)</td>
<td>5-1/4 (133.4)</td>
<td>12</td>
<td>13-5/16 (338.1)</td>
<td>31-1/2 (800.1)</td>
<td>—</td>
<td>1-1/2 (38.1)</td>
<td>15</td>
<td>34 (863.6)</td>
<td>31-3/16 (792.2)</td>
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<tr>
<td>291-109, -109A</td>
<td>5 (127.0)</td>
<td>—</td>
<td>12</td>
<td>15-3/4 (400.1)</td>
<td>39-1/2 (1,003.3)</td>
<td>—</td>
<td>1-1/2 (38.1)</td>
<td>15</td>
<td>42 (1,066.8)</td>
<td>30-7/8 (784.2)</td>
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<tr>
<td>491-109, -109A</td>
<td>5-3/4 (146.1)</td>
<td>—</td>
<td>15</td>
<td>18 (457.2)</td>
<td>45-1/2 (1,155.7)</td>
<td>—</td>
<td>1-1/2 (38.1)</td>
<td>18</td>
<td>48 (1,219.2)</td>
<td>33-5/8 (854.1)</td>
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<td>691-109, -109A</td>
<td>8-1/4 (209.6)</td>
<td>—</td>
<td>17</td>
<td>19-1/4 (489.0)</td>
<td>49-1/2 (1,257.3)</td>
<td>19-3/4 (501.7)</td>
<td>1-1/2 (38.1)</td>
<td>20</td>
<td>52 (1,320.8)</td>
<td>43-1/8 (1,095.4)</td>
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</table>

### Models with -109A

<table>
<thead>
<tr>
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<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
<th>R</th>
<th>S</th>
<th>T</th>
<th>U</th>
</tr>
</thead>
<tbody>
<tr>
<td>91-109, -109A</td>
<td>5-1/4 (133.4)</td>
<td>28-3/16 (716.0)</td>
<td>3/4&quot; NPT</td>
<td>2-5/16 (58.7)</td>
<td>3 (76.2)</td>
<td>1-1/4 (31.8)</td>
<td>3-5/8 (92.1)</td>
<td>9-1/2 (241.3)</td>
<td>2-3/4 (69.9)</td>
<td>6-3/4 (171.5)</td>
</tr>
<tr>
<td>291-109, -109A</td>
<td>5-1/4 (133.4)</td>
<td>28-1/2 (723.9)</td>
<td>3/4&quot; NPT</td>
<td>2-11/16 (68.3)</td>
<td>3 (76.2)</td>
<td>1-1/4 (31.8)</td>
<td>3-7/8 (98.4)</td>
<td>9-1/2 (241.3)</td>
<td>4-1/2 (114.3)</td>
<td>6-3/4 (171.5)</td>
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<tr>
<td>491-109, -109A</td>
<td>5-1/4 (133.4)</td>
<td>30-1/8 (766.8)</td>
<td>1-1/4&quot; NPT</td>
<td>4 (101.6)</td>
<td>4 (101.6)</td>
<td>1-1/4 (31.8)</td>
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<td>4-3/4 (120.7)</td>
<td>7-3/4 (196.9)</td>
</tr>
</tbody>
</table>

*All dimensions are in inches (millimeters).*

---

48
Appendix D—Outline Dimensions

Model D891 Bare with Flywheel

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions
Model FD891 Bare with Flywheel

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model D891 with 103 Mounting

Outlet: 2" weld flange
Pressure gauge

Inlet: 2" weld flange
Pressure gauge

Suction valve unloaders (optional)

Overall with switch option
56 (1,422)

Outlet:
5/16 (7) to inlet
11-3/16 (286) to outlet

Inlet:
48-15/16 (1,239) overall

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model FD891 with 103 Mounting

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model FD891 with 107 Mounting

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model D891 with 107B Mounting

All dimensions are in inches (millimeters).

84 (2,134) overall
35-3/16 (894)

Outlet:
2" weld flange

Inlet:
2" Class 300 RF flange

Discharge pressure

Suction pressure

2" inlet: 300 RF flange

Liquid level switches

3/4 (19)
29-3/4 (756)

9-1/2 (241)

41-5/8 (1,057)

41-5/8 (1,057)
83-3/8 (2,118)

54
Appendix D—Outline Dimensions

Model FD891 with 107B Mounting

All dimensions are in inches (millimeters).
Appendix D—Outline Dimensions

Model D891 with 109B Mounting

Discharge pressure
Outlet: 2" Class 300 RF flange

Suction pressure gauge
Inlet: 2" Class 300 RF flange

Liquid level switches

56