KOMAX “A” SERIES
INLINE STATIC/MOTIONLESS MIXERS
- GUARANTEED PERFORMANCE
- LOW COST

These pre-engineered mixers are available from stock and are conservative designs for a wide variety of mixing tasks. They are supplied with two, three, or four mixing elements. See design graphs on next page. Each mixer has 150 lb. flanges and a built-in additive port. This port may be used for a threaded connection to a male pipe thread, or converted to a flanged connection using a nipple and a threaded flange. Injectors and quills may be purchased separately and installed in the side port for special mixing situations. A unique flow straightener is built right into each mixer to eliminate any downstream centrifugal effects. This allows sensing probes to be located directly downstream of the unit. Mixers are stocked in carbon steel, type 316 stainless steel, PVC and fiberglass. Dimensions for all “A” SERIES mixers are listed below.

HOUSING: CARBON STEEL – A53 Grade B or equal Schedule 40
STAINLESS STEEL – Type 316 Schedule 40
P.V.C. – Schedule 80
F.R.P. – 150 psi rated filament wound

FLANGES: ANSI B16.5 – 150 lb. Drilling
CARBON STEEL & STAINLESS STEEL – Raised Face
P.V.C. – For Sizes: 3” & Larger – Raised Face Smaller than 3” – Flat Face
F.R.P. – Flat Face

<table>
<thead>
<tr>
<th>LINE SIZE NPS</th>
<th>L₁ inches</th>
<th>L₂ in.</th>
<th>SIDE PORT NPT</th>
<th>SHIPPING WT. lb.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2 el.</td>
<td>3 el.</td>
<td>4 el.</td>
<td>2 el.</td>
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<tr>
<td>2</td>
<td>11</td>
<td>13</td>
<td>16</td>
<td>3</td>
</tr>
<tr>
<td>2½</td>
<td>13</td>
<td>16</td>
<td>19</td>
<td>3½</td>
</tr>
<tr>
<td>3</td>
<td>15</td>
<td>19</td>
<td>22</td>
<td>4</td>
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<td>4</td>
<td>19</td>
<td>24</td>
<td>29</td>
<td>4½</td>
</tr>
<tr>
<td>6</td>
<td>27</td>
<td>34</td>
<td>42</td>
<td>5</td>
</tr>
<tr>
<td>8</td>
<td>34</td>
<td>44</td>
<td>54</td>
<td>5½</td>
</tr>
<tr>
<td>10</td>
<td>41</td>
<td>54</td>
<td>66</td>
<td>6</td>
</tr>
</tbody>
</table>

NOTE
WEIGHTS LISTED ARE FOR CARBON STEEL & STAINLESS STEEL. TO OBTAIN SHIPPING WEIGHTS FOR PVC & F.R.P DIVIDE VALUES LISTED BY A FACTOR 3. ALL DIMENSIONS ± 1/8

“A” SERIES NUMBERING SYSTEM
- Line Size, 2½” in example
- Number of Elements, 3 in example
- Material, refers to Carbon Steel
- Series Identifier

Symbol | Material
-------|-----------
C       | Carbon Steel
S       | Stainless Steel
F       | Fiberglass
P       | P.V.C.

Larger Sizes, Materials & Configurations Available On Request

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