New Design Coolant Pump “CX”

爽-Coolant Series

SUMITOMO PRECISION PRODUCTS CO., LTD.
Industrial Hydraulic Department
NEW DESIGN COOLANT PUMP “CX”.

![Image of new design coolant pump CX]
CX Pump Features #1

<Simplified External Piping Structure>

- Lower inlet port and upper outlet port disposed on the upper surface of the top plate. ⇒ Reduction of man-hour.
- Change from external drain system to internal drain system. ⇒ Reductions of man-hour and piping cost.

※ A piping flange is not attached to the inlet port when the pump is delivered; it will be packed with an O-ring and a mounting bolt.
CX Pump Features #2

〈Improved Durability〉

- SiC bearing is adopted to one parts
  ⇒ Prevention of abrasion and resulting longer life of bearing.
- Structural change of joint coupling to upper part of the top plate.
  ⇒ Reduction of "Oil-mist" effect to spline shaft, and resulting longer life of the shaft.

〈Energy Saving〉

- Controllable in inverter, similar to CQTM.
  ⇒ Realization of energy saving.
- ※Unnecessary pressure pickup with SPP.
  (Control in the existing inverter system is also available.)
### CX Pump Line Up

<table>
<thead>
<tr>
<th>Flow volume in L/min &amp; gal(US)/min</th>
<th>Max Pressure</th>
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</thead>
<tbody>
<tr>
<td>50Hz 60Hz</td>
<td>3.4Mpa (500psi)</td>
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<tr>
<td>6 (1.58GPM) 10 (2.64GPM)</td>
<td>CX32-10</td>
</tr>
<tr>
<td>10 (2.64GPM) 14 (3.69GPM)</td>
<td>CX32-12.5</td>
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<tr>
<td>13 (3.43GPM) 18 (4.75GPM)</td>
<td>CX32-16</td>
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<tr>
<td>17 (4.49GPM) 25 (6.6GPM)</td>
<td>CX42-20</td>
</tr>
<tr>
<td>25 (6.6GPM) 32 (8.45GPM)</td>
<td>CX42-25</td>
</tr>
<tr>
<td>32 (8.45GPM) 43 (11.35GPM)</td>
<td>CX42-31.5</td>
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</tbody>
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