Baldor can calculate the belt load and bearing L10 if the customer provides the data on this sheet. When complete, send it to your local District Office and they will pass it on to Baldor Engineering.

### District Office: _______________________________________ Contact: _____________________________________________

### Customer: __________________________________________ C.O. or Req. Set: _______________________________________

**Motor Frame:** ___________________  **HP:** _____________  **Motor RPM (base/Maximum)** ________________/_____________

#### Select belt type if you are using v-belts

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3V</td>
<td>5V</td>
<td>8V</td>
<td>AX</td>
<td>BX</td>
</tr>
<tr>
<td></td>
<td>AX</td>
<td>BX</td>
<td>CX</td>
<td>3VX</td>
<td>5VX</td>
</tr>
</tbody>
</table>

**Other type =** ____________________________________

**Number of belts =** _______________________________

If using Poly-V belts (banded), give the number of grooves in the pulley = ___________________________

#### Select belt type if using synchronous (timing) belt

<table>
<thead>
<tr>
<th></th>
<th>MLX</th>
<th>XL</th>
<th>L</th>
<th>H</th>
<th>XH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>HTD</td>
<td>HTD</td>
<td>HTD</td>
<td>HTD</td>
<td>HTD</td>
</tr>
</tbody>
</table>

**Other type =** ____________________________________

**Belt width =** ____________  **in**  ____________  **mm**

**C =** ___________________  **in**  ____________  **mm**

**d =** ___________________  **in**  ____________  **mm**

**D =** ___________________

Instead of C, d, D, specify known shaft overhung load = ___________________  **lb.**  ____________  **kg**

### Select motor mounting orientation

- [ ] Horizontal
- [ ] Vertical shaft up
- [ ] Vertical shaft down
- [ ] Vertical shaft down

### Select belt pull direction

- [ ] Away from motor feet
- [ ] Angled a (degrees) from the motor feet
- [ ] Toward motor feet

**Belt load calculated by Baldor Engineering:** ___________________

**L10 calculated by Baldor Engineering:** ___________________