BERKELEY®
VERTICAL LINESHAFT TURBINES

<table>
<thead>
<tr>
<th>No. Stages</th>
<th>Eff.</th>
<th>12VT650 CLOSED IMPELLER</th>
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<tr>
<td>1</td>
<td>-2</td>
<td>1770 R.P.M.</td>
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<tr>
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SINGLE STAGE LAB PERFORMANCE WITH STANDARD MATERIALS. EFFICIENCY SHOWN FOR 4 OR MORE STAGES. HORSE POWER SHOWN FOR ONE STAGE BASED ON 4 STAGE EFFICIENCY. CORRECTIONS SHOULD BE MADE FOR STAGES AND MATERIAL.

Maximum Operation Speed - RPM 1800
Pump Shaft Diameter - inch 1.687
Bowl Weight, 1st Stg W/L - lbs 195
Bowl Weight, 1st Stg O/L - lbs 243
Bowl Weight, Ea. Add Stage - lbs 94
Allowable Shaft Stretch - inch 1.24
Std Max Working Pressure - PSI 400
Optional Max Working Pressure - PSI 700
Impeller Eye Area - Sq. In 17.2
Rotor Weight 1st/add stages - lbs 26
Additional Length Per Stage - inch 9.25
Discharge Thread Column - inch 8 or 10

Maximum Sphere Size - inch 0.70
Thrust Factor - Kt 6.80
WR2 0.95
Running Position (Above Seat) - inch 0.200
Submergence - inch 27
Max Bowl Brg Clearance - in. dia 0.014
Max Wear Ring Clearance - in. dia 0.015
Max Bowl O.D. - inch 11.75
Suction Bell O.D. - inch 13
Suction Threads NPT - inch 8 or 10

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No Size

WATER LUBE
OIL LUBE