STANDARD IB INLINE CLUTCH
IB318IL

QUALITY IS STANDARD
- OPTIONAL SINTERED IRON PLATES
- BUILT IN HEX NUT
- VENTILATED CENTER PLATES & DRIVING RING
- SEALED FOR LIFE PILOT BEARING
- CREATES 25% HIGHER TORQUE CAPACITY
- EASES ADJUSTMENT VERIFICATION
- IMPROVED HEAT DISSIPATION
- LESS MAINTENANCE

SPECIFICATIONS - IB318IL1

<table>
<thead>
<tr>
<th>Model Number</th>
<th>SAE HSG.</th>
<th>Max. Input Torque Nm (lb-ft)</th>
<th>Maximum Safe Speed</th>
<th>Weight kg (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>IB318IL1</td>
<td>1</td>
<td>8141 (6000)</td>
<td>10176 (7500)</td>
<td>2200</td>
</tr>
</tbody>
</table>

LOAD CLASSIFICATIONS BASED UPON AGMA LOAD CHARACTERISTICS

<table>
<thead>
<tr>
<th>PRIME MOVER</th>
<th>DURATION OF SERVICE</th>
<th>UNIFORM</th>
<th>MODERATE SHOCK</th>
<th>HEAVY SHOCK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric motor</td>
<td>Up to 3 hours per day</td>
<td>1.00</td>
<td>1.25</td>
<td>1.50</td>
</tr>
<tr>
<td>Multi-cylinder internal combustion engine</td>
<td>Over 10 hours per day</td>
<td>1.50</td>
<td>1.75</td>
<td>2.25</td>
</tr>
<tr>
<td>Multi-cylinder internal combustion engine with high torque rise</td>
<td>Up to 3 hours per day</td>
<td>1.50</td>
<td>2.00</td>
<td>2.50</td>
</tr>
<tr>
<td>Single-cylinder internal combustion engine</td>
<td>Over 10 hours per day</td>
<td>1.75</td>
<td>2.25</td>
<td>2.75</td>
</tr>
</tbody>
</table>

TO CALCULATE APPLICATION TORQUE:

5252 x HP = Torque
Engine RPM x Load Factor = Application Torque
Use load factor from chart at left

All clutch engagements to be with prime mover below 1000 RPM. High inertia loads may require use of larger clutch. Contact Twin Disc application engineering department for assistance.

Specifications subject to change without prior notice in the interest of continual product improvement.
Contact your local Twin Disc representative for engineering specifications.
For nearly a century, we've been putting horsepower to work by designing, engineering and manufacturing rugged-duty industrial products. Our products and our reputation are bolted to the most renowned engine manufacturers and equipment OEMs in the world. Our mission is to make your machines and vehicles more productive, more durable, more operator-friendly, more cost-effective. From design and installation consultation through after-sale support, Twin Disc and its distributors are committed to your business. No one knows more about managing horsepower in more ways than Twin Disc.

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GEARBOXES • HYDRAULIC PTO PRODUCTS