Model FHB
High Speed External Backstops

Designed for use on inclined conveyor and bucket elevators

Formsprag’s 60+ years of backstopping experience has been used to create a new design with inner race Centrifugal Throw-out Sprags to meet your backstopping requirements for inclined conveyors or bucket elevators that are using a Falk Gear Reducer with the backstop mounted externally on the high speed or intermediate shaft.

The Model FHB is available in three sizes:
• FHB-10  Bore range is 1.13 to 1.88 inches
• FHB-20  Bore range is 1.75 to 2.25 inches
• FHB-60  Bore range is 2.25 to 3.75 inches

Metric bores available

Features include:
• Superior drop in replacement for Falk® Model BIF
• No mounting modifications required to Falk gear reducer
• Higher speed range with Formsprag design
• Greater torque capacity in a smaller envelope
• Centrifugal throw-out sprags
• Bearing B-10 life of more than 100 years
• Superior no-maintenance design
• OSHA cover option
• Components stocked for shorter lead times
## Formsprag Model FHB
High Speed External Backstops

### Formsprag FHB

<table>
<thead>
<tr>
<th>Model No.</th>
<th>BORE (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>SPEED (RPM)</th>
<th>TORQUE</th>
<th>lb.ft.</th>
<th>N-m</th>
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<tbody>
<tr>
<td>FHB-10</td>
<td>1.13-1.88</td>
<td>6.88</td>
<td>8.38</td>
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<td>FHB-20</td>
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<td>11.26</td>
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<td>FHB-60</td>
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<td>15.25</td>
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<td>7.75</td>
<td>400-1800</td>
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<td>5600</td>
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### Falk BIF

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<th>BORE (in)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>SPEED (RPM)</th>
<th>TORQUE</th>
<th>lb.ft.</th>
<th>N-m</th>
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For Applications Assistance Call

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