# Combined Roller Bearings

Our standard Combined Roller bearing consists of a hub, a radial bearing and an axial roller.

### BEARING Dimensions (mm)

<table>
<thead>
<tr>
<th>BEARING REFERENCE</th>
<th>D</th>
<th>T</th>
<th>d</th>
<th>H</th>
<th>h</th>
<th>B</th>
<th>A</th>
<th>S</th>
<th>r</th>
<th>C</th>
<th>C₀</th>
<th>Cₐ</th>
<th>C₀ₐ</th>
<th>L.D. of radial bearing REF</th>
<th>PROFILE REF</th>
<th>PLATE REF</th>
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<tbody>
<tr>
<td>4.053</td>
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<td>24</td>
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<td>71</td>
<td>90</td>
<td>2757</td>
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</tbody>
</table>

*C* = Dynamic Load Capacity for radial roller  
*C₀* = Static Load Capacity for radial roller  
*Cₐ* = Dynamic Load Capacity for axial (side) roller  
*C₀ₐ* = Static Load Capacity for axial roller

**Notes**  
4.053 and 4.054 bearings do not have grease holes.  
All bearings are pre-greased.

See page 36 for information on how to select the correct size of bearing and mating steel channel.
Mating Steel Profiles

STANDARD CHANNEL

2891

Profile Reference: 2891

Weight: 42.8kg per metre

Moment of Area (Wx): 249.7cm³

Material: S450J2

Use with our:

4.062 Standard Combined Roller Bearing
4.462 Eccentric Adjustable CR Bearing

Other suitable bearings:

2.2123 Radial Roller Bearing
4.079 Shim Adjustable CR Bearing

www.euro Bearings.com
### Mating Steel Profiles

#### STANDARD CHANNEL

**Profile Reference:** 3353

<table>
<thead>
<tr>
<th>Profile Reference</th>
<th>Web Height mm</th>
<th>Flange Width mm</th>
<th>Channel Height mm</th>
<th>Weight kg / metre</th>
<th>Bearing Reference</th>
<th>Plate Reference</th>
<th>Section Shape</th>
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<td>175</td>
<td>90</td>
<td>123.8</td>
<td>51.4</td>
<td>4.062</td>
<td>PLATE 4</td>
<td>I Section</td>
</tr>
</tbody>
</table>

**PROFILE REFERENCE: 3353**

- Weight: 51.4kg per metre
- Moment of Area (Wx): 322cm³
- Material: S450J2

Use with our:

- **4.062** Standard Combined Roller Bearing
- **4.462** Eccentric Adjustable CR Bearing

Other suitable bearings:

- **4.079** Shim Adjustable CR Bearing
- **2.2123** Radial Roller Bearing

www.euro-bearings.com
THICKNESS: 20mm

PLATE REFERENCE: **PL4**

WELD TO BEARING: 4.061 or 4.461

USE WITH

STEEL CHANNEL: **2862**

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