NU 2208 ECJ SKF Thrust Ball Bearings

<table>
<thead>
<tr>
<th>Bearing No.</th>
<th>NU 2208 ECJ</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Size</strong></td>
<td>80x40x23 mm</td>
</tr>
<tr>
<td><strong>Bore Diameter</strong></td>
<td>80 mm</td>
</tr>
<tr>
<td><strong>Outer Diameter</strong></td>
<td>40 mm</td>
</tr>
<tr>
<td><strong>Width</strong></td>
<td>23 mm</td>
</tr>
<tr>
<td><strong>d</strong></td>
<td>40 mm</td>
</tr>
<tr>
<td><strong>D</strong></td>
<td>80 mm</td>
</tr>
<tr>
<td><strong>B</strong></td>
<td>23 mm</td>
</tr>
<tr>
<td><strong>D₁</strong></td>
<td>67.4 mm</td>
</tr>
<tr>
<td><strong>F</strong></td>
<td>49.5 mm</td>
</tr>
<tr>
<td><strong>r₁₂ - min.</strong></td>
<td>1.1 mm</td>
</tr>
<tr>
<td><strong>r₃₄ - min.</strong></td>
<td>1.1 mm</td>
</tr>
<tr>
<td><strong>s</strong></td>
<td>1.9 mm</td>
</tr>
<tr>
<td><strong>dₐ - min.</strong></td>
<td>47 mm</td>
</tr>
<tr>
<td><strong>dₐ - max.</strong></td>
<td>48 mm</td>
</tr>
<tr>
<td><strong>d₃ - min.</strong></td>
<td>51 mm</td>
</tr>
<tr>
<td><strong>Dₘ - max.</strong></td>
<td>72.8 mm</td>
</tr>
<tr>
<td><strong>rₐ - max.</strong></td>
<td>1 mm</td>
</tr>
<tr>
<td><strong>rₐ - max.</strong></td>
<td>1 mm</td>
</tr>
<tr>
<td><strong>Basic dynamic load rating - C</strong></td>
<td>81.5 kN</td>
</tr>
<tr>
<td><strong>Basic static load rating - C₀</strong></td>
<td>75 kN</td>
</tr>
<tr>
<td><strong>Fatigue load limit - Pu</strong></td>
<td>9.6 kN</td>
</tr>
<tr>
<td><strong>Reference speed</strong></td>
<td>9500 r/min</td>
</tr>
<tr>
<td><strong>Limiting speed</strong></td>
<td>11000 r/min</td>
</tr>
<tr>
<td><strong>Calculation factor - kᵣ</strong></td>
<td>0.2</td>
</tr>
<tr>
<td><strong>Category</strong></td>
<td>Roller Bearings</td>
</tr>
<tr>
<td>Inventory</td>
<td>0.0</td>
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<tr>
<td>-----------</td>
<td>-----</td>
</tr>
<tr>
<td>Manufacturer Name</td>
<td>SKF</td>
</tr>
<tr>
<td>Minimum Buy Quantity</td>
<td>N/A</td>
</tr>
<tr>
<td>Weight / Kilogram</td>
<td>0</td>
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<td>Product Group</td>
<td>B04144</td>
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<tr>
<td>$D_1 \approx$</td>
<td>67.4 mm</td>
</tr>
<tr>
<td>$r_{1,2}$ min.</td>
<td>1.1 mm</td>
</tr>
<tr>
<td>$r_{3,4}$ min.</td>
<td>1.1 mm</td>
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<tr>
<td>$s_{\text{max.}}$</td>
<td>1.9 mm</td>
</tr>
<tr>
<td>$d_a$ min.</td>
<td>47 mm</td>
</tr>
<tr>
<td>$d_b$ max.</td>
<td>48 mm</td>
</tr>
<tr>
<td>$d_b$ min.</td>
<td>51 mm</td>
</tr>
<tr>
<td>$D_a$ max.</td>
<td>72.8 mm</td>
</tr>
<tr>
<td>$r_a$ max.</td>
<td>1 mm</td>
</tr>
<tr>
<td>$r_b$ max.</td>
<td>1 mm</td>
</tr>
<tr>
<td>Basic dynamic load rating $C$</td>
<td>81.5 kN</td>
</tr>
<tr>
<td>Basic static load rating $C_0$</td>
<td>75 kN</td>
</tr>
<tr>
<td>Fatigue load limit $P_u$</td>
<td>9.65 kN</td>
</tr>
<tr>
<td>Calculation factor $k_r$</td>
<td>0.2</td>
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<tr>
<td>Limiting value $e$</td>
<td>0.3</td>
</tr>
<tr>
<td>Axial load factor $Y$</td>
<td>0.4</td>
</tr>
<tr>
<td>Mass bearing</td>
<td>0.5 kg</td>
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</tbody>
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