

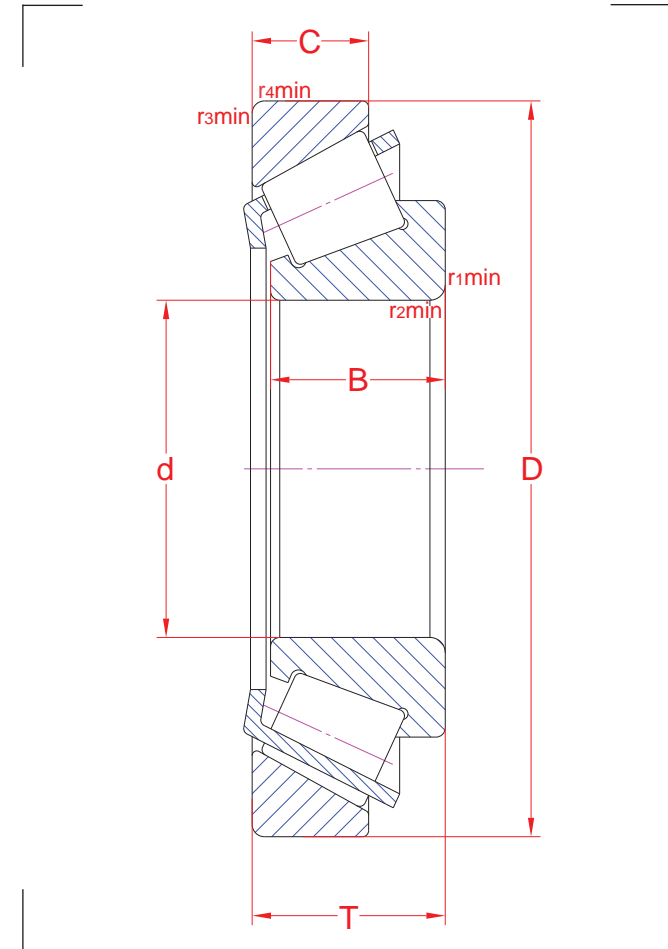
# Single row taper roller bearings

R01	MA110718	RD100718
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30220 E

Main boundary dimensions (mm)	
<b>d</b>	100
<b>D</b>	180
<b>T</b>	37
<b>B</b>	34
<b>C</b>	29

Technical data			
<b>Basic load ratings (kN)</b>	Dyn.	<b>C<sub>r</sub></b>	300
	Stat.	<b>C<sub>0r</sub></b>	320
<b>Mass (kg)</b>		3,5	
<b>Cage material</b>		Pressed steel	
<b>Radius min (mm)</b>	<b>r<sub>1</sub></b>	3,0	
	<b>r<sub>2</sub></b>	3,0	
	<b>r<sub>3</sub></b>	2,5	
	<b>r<sub>4</sub></b>	2,5	
<b>Precision class</b>		Normal	
<b>e</b>		0,43/K factor 1,36	
<b>Bearing clearance (mm)</b>		-	
<b>Configuration/Design</b>		302/E	



Technical notes
<ul style="list-style-type: none"> <li>- Through hardened steel for rings and rollers (SAE 52100)</li> <li>- Reference speed 2740 rpm</li> <li>- Limiting speed 3080 rpm</li> <li>- Cage max protrusion 2,3 mm (cup large face side) and 6,5 mm (cup small face side)</li> <li>- Optimized internal design with reinforced execution</li> <li>- Optimized roller profile for improved load distribution</li> <li>- For general industry purpose</li> </ul>

The sketch is for reference only and may not be representative or indicative of the actual product. Sketch scale is free.

Also refer to RKB Affidavit of Conformance for related compliance to International Standards.

Every care has been taken to ensure the accuracy of the information in the present drawing, but no liability can be accepted for any errors or omissions contained herein, or in case losses and/or damages (direct, indirect, consequential) should occur.

RKB Bearing Industries reserves the right of any amendment without notice.