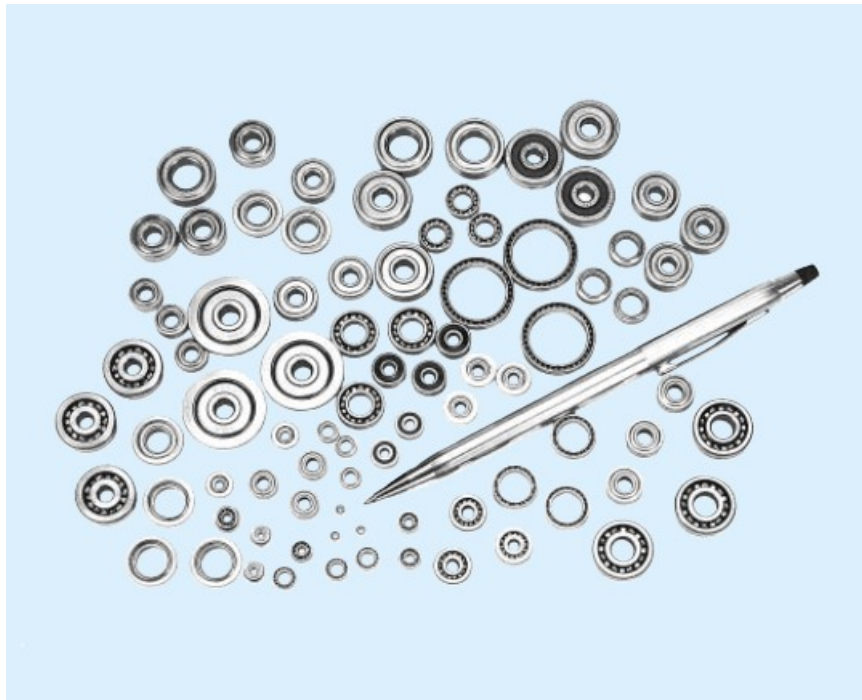


## MR117



### Technical sheet of MR117

<b>Type :</b>	Miniature Bearings	
<b>Model :</b>	<a href="#">MR117</a>	
<b>Main dimensions :</b>	7 mm × 11 mm × 2.5 mm	Bore Dia × Outside Dia × Width Dia
<b>M kg:</b>	0.62	Mass
<b>d mm:</b>	7	inner ring diameter
<b>D mm:</b>	11	Outer ring diameter
<b>B(T) mm:</b>	2.5	Overall Width
<b>Cr kN:</b>	0.455	Radial dynamic load rating
<b>C0r kN:</b>	0.201	Radial static load rating
<b>Grease r/min:</b>	43000	Reference speed
<b>Oil r/min:</b>	50000	Limiting speed

#### Detailed parameters and installation dimensions:

Bearing Code	MR117
Design Units	Metric
Bearing Classification	Miniature ball bearings

Load Direction	Radial
Number of Rows	Single Row
Seal Type	Open
Bore (id)	7 mm
Bore Diameter Tolerance	-0.008mm to 0
Outer (OD)	11 mm
Outer Diameter Tolerance	-0.008mm to 0
Width (B)	2.5 mm
Width Tolerance	-0.12mm to 0
Ring Material	52100 Chrome Steel
Ball Material	52100 Chrome Steel
Cage Material	300 Series Stainless Steel
Dynamic Load Capacity - Radial Cr	387.000 N
Static Load Capacity - Radial C0r	162.000 N
Max Speed (X1000 rpm)	43
Lubrication	Required
Shaft Install Type	Press Fit
Operating Temp Rating	-30° to 110 °C
Precision Class (ABEC)	ABEC-1
Internal Clearance	C0
Radial Clearance	0.002mm to 0.013mm
RoHS	Compliant
REACH	Compliant
Ball Qty	9
Ball Dia	1.2000 mm
Bearing Mass	0.59 g

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