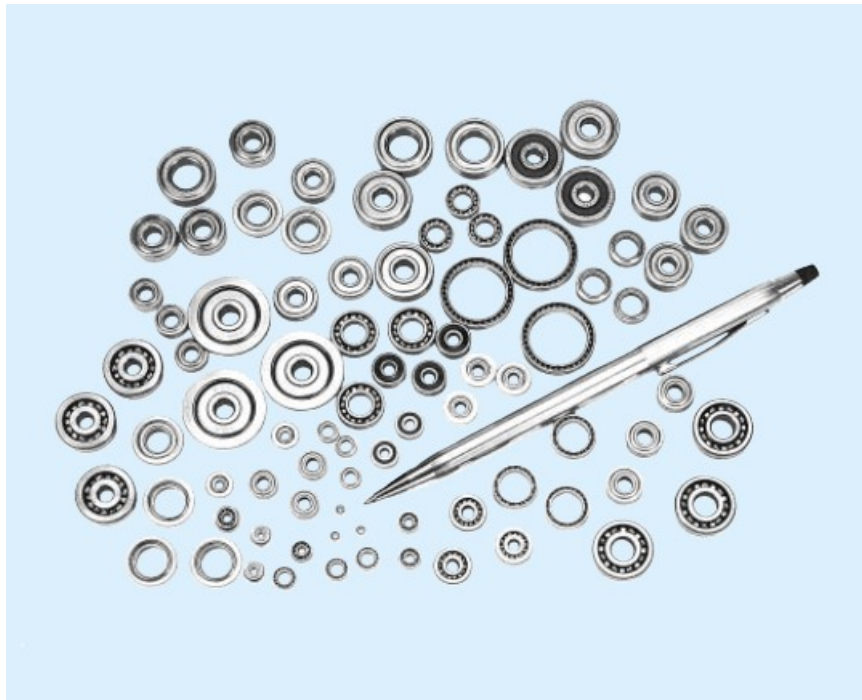


MR128



Technical sheet of MR128

Type :	Miniature Bearings	
Model :	MR128	
Main dimensions :	8 mm × 12 mm × 2.5 mm	Bore Dia × Outside Dia × Width Dia
M kg:	0.71	Mass
d mm:	8	inner ring diameter
D mm:	12	Outer ring diameter
B(T) mm:	2.5	Overall Width
Cr kN:	0.545	Radial dynamic load rating
C0r kN:	0.274	Radial static load rating
Grease r/min:	40000	Reference speed
Oil r/min:	48000	Limiting speed

Detailed parameters and installation dimensions:

Bearing Code	MR128
Design Units	Metric
Bearing Classification	Miniature ball bearings

Load Direction	Radial
Number of Rows	Single Row
Seal Type	Open
Bore (id)	8 mm
Bore Diameter Tolerance	-0.008mm to 0
Outer (OD)	12 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	462.000 N
Static Load Capacity - Radial C0r	219.000 N
Max Speed (X1000 rpm)	40
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	12
Ball Dia	1.2000 mm
Bearing Mass	0.7 g

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