



Timken Making Bearings LTD



2.362 Inch | 60 Millimeter x 5.118 Inch | 130 Millimeter x 1.22 Inch | 31 Millimeter Timken MM312K Spindle & Precision Machine Tool Angular Contact Bearings

Bearing No. MM312K

MM312K Bearing 2D drawings and 3D CAD models

Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	1.667
EAN	0087796071681
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	0 Degree
Preload	None
Raceway Style	Not Applicable
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Deep Groove Super Precision Conrad Non Filling Slot
Long Description	60MM Bore; 130MM Outside Diameter; 31MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1



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	(Single) Bearings; 0 Degree Contact Angle; Phenolic Cage Material; Ball Bearing
Category	Precision Ball Bearings
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Deep Groove Ball
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	MM312K
Weight / LBS	3.671
D	5.118 Inch 130 Millimeter
d	2.362 Inch 60 Millimeter
B	1.22 Inch 31 Millimeter
Design Units	METRIC
Ball Type	STEEL
Cage Type	CR - Phenolic Inner Land Riding Cage
Bearing Weight	1.665 Kg
d - Bore	60 mm
D - Outer Diameter	130 mm
Bearing Width	31 mm
do - Ball Diameter	22.225 mm
Ce - Dynamic Radial Rating ¹	90700 N
C0 - Static Radial Rating	51800 N
Limiting Speed (Grease)	11500 rpm
Limiting Speed (Oil)	23000 rpm
R - Inner Ring To Clear Radius ²	2.0 mm
r - Outer Ring To Clear Radius ³	2.0 mm
da - Inner Ring Backing Diameter	72.600 mm



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Da - Outer Ring Backing Diameter	117.900 mm
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