



Timken Making Bearings LTD



1.772 Inch | 45 Millimeter x 3.937 Inch | 100 Millimeter x 0.984 Inch | 25 Millimeter Timken MM309K Spindle & Precision Machine Tool Angular Contact Bearings

Bearing No. MM309K

MM309K Bearing 2D drawings and 3D CAD models

Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.831
EAN	0087796071575
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	45MM Bore; 100MM Outside Diameter; 25MM 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	MM309K
Weight / LBS	1.83
B	0.984 Inch 25 Millimeter
d	1.772 Inch 45 Millimeter
D	3.937 Inch 100 Millimeter
Design Units	METRIC
Ball Type	STEEL
Cage Type	CR - Phenolic Inner Land Riding Cage
Bearing Weight	0.807 Kg
d - Bore	45 mm
D - Outer Diameter	100 mm
Bearing Width	25 mm
do - Ball Diameter	17.462500 mm
Ce - Dynamic Radial Rating ¹	58500 N
C0 - Static Radial Rating	31700 N
Limiting Speed (Grease)	15200 rpm
Limiting Speed (Oil)	30400 rpm
R - Inner Ring To Clear Radius ²	1.5 mm
r - Outer Ring To Clear Radius ³	1.5 mm
da - Inner Ring Backing Diameter	55.400 mm



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Da - Outer Ring Backing Diameter	90.200 mm
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