



SRS PRECISION AXLE CORP.



3.15 Inch | 80 Millimeter x 4.921 Inch | 125
Millimeter x 0.866 Inch | 22 Millimeter Timken
2MM9116WI Spindle & Precision Machine Tool
Angular Contact Bearings

Bearing No. 2MM9116WI

2MM9116WI Bearing 2D drawings and 3D CAD models

Category	Precision Ball Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.922
EAN	0087796076976
Product Group	B04270
Enclosure	Open
Precision Class	ABEC 7 ISO P4
Material - Ball	Steel
Number of Bearings	1 (Single)
Contact Angle	15 Degree
Preload	None
Raceway Style	1 Rib Outer Ring
Cage Material	Phenolic
Rolling Element	Ball Bearing
Flush Ground	No
Inch - Metric	Metric
Other Features	Single Row Angular Contact Super High Precision
Long Description	80MM Bore; 125MM Outside Diameter; 22MM Width; Open Enclosure; ABEC 7 ISO P4 Precision; Steel Ball Material; 1



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	(Single) Bearings; 15 Degree Contact Angle; Phenolic Cage Material; 1 Rib Outer Ring Ra
Category	Precision Ball Bearings
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact Ball
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	2MM9116WI
Weight / LBS	2.03
d	3.15 Inch 80 Millimeter
B	0.866 Inch 22 Millimeter
D	4.921 Inch 125 Millimeter
d - Bore	80 mm
D - Outer Diameter	125 mm
Bearing Width	22 mm
do - Ball Diameter	13.493750 mm
C0 - Static Radial Rating	55200 N
Ce - Dynamic Radial Rating ¹	64900 N
Limiting Speed (Grease)	10300 rpm
Limiting Speed (Oil)	20600 rpm
Ball Type	STEEL
Cage Type	CR - Phenolic Outer Land Riding Cage
Bearing Weight	0.859 Kg
Design Units	METRIC
Full Timken Part Number	2MM9116WICR
R - Inner Ring To Clear Radius ²	1.0 mm
r - Outer Ring To Clear Radius ³	1.0 mm



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da - Inner Ring Backing Diameter	88.500 mm
Da - Outer Ring Backing Diameter	116.5 mm