



## BEARING-THAILAND CO.,LTD.



7218WN Bearing 2D drawings and 3D CAD models

### 90 mm x 160 mm x 30 mm TIMKEN 7218WN Angular Contact Ball Bearings

Bearing No. 7218WN

Category	Angular Contact Ball Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	2.41
Product Group	B00308
Enclosure	Open
Flush Ground	No
Rolling Element	Ball Bearing
Number of Rows of Balls	Single Row
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	Yes
Snap Ring	No
Cage Material	Brass
Contact Angle	40 Degree
Internal Clearance	C0-Medium
Number of Bearings	1 (Single)
Inch - Metric	Metric
Long Description	90MM Bore; 160MM Outside Diameter; 30MM Width; Open; No Flush Ground; Ball Bearing; Single Row of Balls; ABEC 1   ISO P0; Yes Filling Slot; No Snap Ring; C0-Medium; Brass Cage; 40 Degree; 1 (Single)



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Category	Angular Contact Ball Bearing
UNSPSC	31171531
Harmonized Tariff Code	8482.10.50.28
Noun	Bearing
Keyword String	Angular Contact
Manufacturer URL	<a href="http://www.timken.com">http://www.timken.com</a>
Manufacturer Item Number	7218WN
Weight / LBS	5.2
D	6.299 Inch   160 Millimeter
B	1.181 Inch   30 Millimeter
d	3.543 Inch   90 Millimeter
d - Bore	90 mm
D - Outer Diameter	160 mm
Bearing Width	30 mm
do - Ball Diameter	22.225 mm
C0 - Static Radial Rating	88000 N
Ce - Dynamic Radial Rating <sup>1</sup>	119000 N
Limiting Speed (Grease)	2400 rpm
Limiting Speed (Oil)	3200 rpm
Ball Type	STEEL
Cage Type	Ball Piloted, Pressed Brass Cage
Bearing Weight	2.567 Kg
Design Units	METRIC
R - Inner Ring To Clear Radius <sup>2</sup>	2.0 mm
r - Outer Ring To Clear Radius <sup>3</sup>	2.0 mm
da - Inner Ring Backing Diameter	100.100 mm
Da - Outer Ring Backing Diameter	150.100 mm



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