



AMERICAN BEARING MFG.CORP.



1.969 Inch | 50 Millimeter x 4.331 Inch | 110
Millimeter x 1.575 Inch | 40 Millimeter TIMKEN
22310EJW33C3 Spherical Roller Bearings

Bearing No. 22310EJW33C3

22310EJW33C3 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	1.851
EAN	0087796023758
Product Group	B04311
Internal Clearance	C3-Loose
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	50MM Straight Bore; 110MM Outside Diameter; 40MM Width; C3-Loose Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing
UNSPSC	31171510



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Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	22310 CJW33C3
Weight / LBS	4.076
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
d	1.969 Inch 50 Millimeter
D	4.331 Inch 110 Millimeter
B	1.575 Inch 40 Millimeter
Design Unit	METRIC
Bearing Weight	1.9 Kg
Cage Type	EJ
UPC Code	087796023758
Superseded Part	22310CJW33C3
d - Bore	50 mm
D - Outer Diameter	110 mm
B - Inner Ring Width	40 mm
B - Outer Ring Width	40 mm
R - Inner Ring To Clear Radius ¹	2.0 mm
r - Outer Ring To Clear Radius ²	2.0 mm
da - Inner Ring Backing Diameter	65.0 mm
Da - Outer Ring Backing Diameter	98.000 mm
C0 - Static Radial Rating	241000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	238000 N
e - ISO Factor ³	0.36
Y0 - ISO Factor ⁴	1.89
Y1 - ISO Factor ⁵	2.81



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Y2 - ISO Factor ⁶	1.85
Reference Thermal Speed Rating (Grease)	4600
Reference Thermal Speed Rating (Oil) ⁷	5500
Cg - Geometry Factor ⁸	0.0549