



ISOSTATIC BEARING SALES COMPANT



1.969 Inch | 50 Millimeter x 3.543 Inch | 90
Millimeter x 0.906 Inch | 23 Millimeter TIMKEN
22210EJW33 Spherical Roller Bearings

Bearing No. 22210EJW33

22210EJW33 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.607
EAN	0087796022874
Product Group	B04311
Internal Clearance	C0-Medium
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; 90MM Outside Diameter; 23MM Width; C0-Medium 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	22210 CJW33
Weight / LBS	1.338
D	3.543 Inch 90 Millimeter
B	0.906 Inch 23 Millimeter
d	1.969 Inch 50 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	0.6 Kg
Cage Type	EJ
UPC Code	087796022874
Superseded Part	22210CJW33
d - Bore	50 mm
D - Outer Diameter	90 mm
B - Inner Ring Width	23 mm
B - Outer Ring Width	23 mm
R - Inner Ring To Clear Radius ¹	1.0 mm
r - Outer Ring To Clear Radius ²	1.0 mm
da - Inner Ring Backing Diameter	59.000 mm
Da - Outer Ring Backing Diameter	82.000 mm
C0 - Static Radial Rating	118000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	117000 N
e - ISO Factor ³	0.24
Y0 - ISO Factor ⁴	2.84
Y1 - ISO Factor ⁵	4.23



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Y2 - ISO Factor ⁶	2.78
Reference Thermal Speed Rating (Grease)	5000
Reference Thermal Speed Rating (Oil) ⁷	6200
Cg - Geometry Factor ⁸	0.0486