



BEARING USA CORP.



2.756 Inch | 70 Millimeter x 4.921 Inch | 125
Millimeter x 1.22 Inch | 31 Millimeter TIMKEN
22214EJW33C3 Spherical Roller Bearings

Bearing No. 22214EJW33C3

22214EJW33C3 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	2.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	1.621
EAN	0087796023185
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	70MM Straight Bore; 125MM Outside Diameter; 31MM 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	22214 CJW33C3
Weight / LBS	3.379
d	2.756 Inch 70 Millimeter
B	1.22 Inch 31 Millimeter
D	4.921 Inch 125 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Design Unit	METRIC
Bearing Weight	1.6 Kg
Cage Type	EJ
UPC Code	087796023185
Superseded Part	22214CJW33C3
d - Bore	70 mm
D - Outer Diameter	125 mm
B - Inner Ring Width	31 mm
B - Outer Ring Width	31 mm
R - Inner Ring To Clear Radius ¹	1.5 mm
r - Outer Ring To Clear Radius ²	1.5 mm
da - Inner Ring Backing Diameter	84.000 mm
Da - Outer Ring Backing Diameter	114.000 mm
C0 - Static Radial Rating	231000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	213000 N
e - ISO Factor ³	0.23
Y0 - ISO Factor ⁴	2.9
Y1 - ISO Factor ⁵	4.32



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Y2 - ISO Factor ⁶	2.84
Reference Thermal Speed Rating (Grease)	3900
Reference Thermal Speed Rating (Oil) ⁷	4800
Cg - Geometry Factor ⁸	0.0552