



4.331 Inch | 110 Millimeter x 7.874 Inch | 200
Millimeter x 2.087 Inch | 53 Millimeter TIMKEN
22222KEJW33C3 Spherical Roller Bearings

Bearing No. 22222KEJW33C3

22222KEJW33C3 Bearing 2D drawings and 3D CAD
models

Category	Spherical Roller Bearings
Inventory	5.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	7.31
EAN	0087796025318
Product Group	B04311
Internal Clearance	C3-Loose
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AHX3122 (Specify Bore)
Withdrawal Nut	KM22
Inch - Metric	Metric
Long Description	110MM Tapered Bore; 200MM Outside Diameter; 53MM Width; C3-Loose Clearance; Adapter Mount Mount; Double Row of Spherical Roller Bearing; Steel Cage Material; Open Enclosure; Yes
Other Features	Lubrication Groove and



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	Three Oil Holes in Outer Ring
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	8482.30.00.80
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	22222KEJW33C3
Weight / LBS	16.1
d	4.331 Inch 110 Millimeter
D	7.874 Inch 200 Millimeter
B	2.087 Inch 53 Millimeter
Adapter Part Number	SNW22 HA322 HE322 (Specify Bore) Inch H322 (Specify Bore) Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	7.2 Kg
Cage Type	EJ
UPC Code	087796025318
Superseded Part	22222KCJW33C3
d - Bore	110 mm
D - Outer Diameter	200 mm
B - Inner Ring Width	53 mm
B - Outer Ring Width	53 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	133.000 mm
Da - Outer Ring Backing Diameter	182.000 mm



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C0 - Static Radial Rating	653000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	555000 N
e - ISO Factor ³	0.25
Y0 - ISO Factor ⁴	2.73
Y1 - ISO Factor ⁵	4.06
Y2 - ISO Factor ⁶	2.67
Reference Thermal Speed Rating (Grease)	2900
Reference Thermal Speed Rating (Oil) ⁷	3500
Cg - Geometry Factor ⁸	0.0742