



BEARING CORP.



2.165 Inch | 55 Millimeter x 3.937 Inch | 100
 Millimeter x 0.984 Inch | 25 Millimeter TIMKEN
 22211KEJW33C3 Spherical Roller Bearings

Bearing No. 22211KEJW33C3

22211KEJW33C3 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0.86
EAN	0087796023000
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	AHX311 (Specify Bore)
Withdrawal Nut	KM11
Inch - Metric	Metric
Long Description	55MM Tapered Bore; 100MM Outside Diameter; 25MM 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	22211KEJW33C3
Weight / LBS	1.9
D	3.937 Inch 100 Millimeter
Adapter Part Number	SNW11 HA311 HE311 (Specify Bore) Inch H311 (Specify Bore) Millimeter
B	0.984 Inch 25 Millimeter
d	2.165 Inch 55 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	0.8 Kg
Cage Type	EJ
UPC Code	087796023000
Superseded Part	22211KCJW33C3
d - Bore	55 mm
D - Outer Diameter	100 mm
B - Inner Ring Width	25 mm
B - Outer Ring Width	25 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	66.000 mm
Da - Outer Ring Backing Diameter	91.000 mm



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C0 - Static Radial Rating	142000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	140000 N
e - ISO Factor ³	0.23
Y0 - ISO Factor ⁴	2.95
Y1 - ISO Factor ⁵	4.4
Y2 - ISO Factor ⁶	2.89
Reference Thermal Speed Rating (Grease)	4700
Reference Thermal Speed Rating (Oil) ⁷	5800
Cg - Geometry Factor ⁸	0.052