



Vickers PUMP LIMITED



1.969 Inch | 50 Millimeter x 4.331 Inch | 110 Millimeter x 1.063 Inch | 27 Millimeter TIMKEN 21310EJW33 Spherical Roller Bearings

Bearing No. 21310EJW33

21310EJW33 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	1.214
EAN	0087796303256
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	No
Withdrawal Sleeve	Not Applicable
Inch - Metric	Metric
Long Description	50MM Straight Bore; 110MM Outside Diameter; 27MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Not 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	21310 VCSJ
Weight / LBS	2.656
D	4.331 Inch 110 Millimeter
d	1.969 Inch 50 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
B	1.063 Inch 27 Millimeter
Design Unit	METRIC
Bearing Weight	1.2 Kg
Cage Type	EJ
UPC Code	087796303256
Superseded Part	21310CJW33
d - Bore	50 mm
D - Outer Diameter	110 mm
B - Inner Ring Width	27 mm
B - Outer Ring Width	27 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	67.000 mm
Da - Outer Ring Backing Diameter	99.000 mm
C0 - Static Radial Rating	151000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	163000 N
e - ISO Factor ³	0.24
Y0 - ISO Factor ⁴	2.83
Y1 - ISO Factor ⁵	4.21



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Y2 - ISO Factor ⁶	2.76
Reference Thermal Speed Rating (Grease)	4900
Reference Thermal Speed Rating (Oil) ⁷	5900
Cg - Geometry Factor ⁸	0.0549