



AMERICAN NTN BEARING MFG.CORP.

Timken 22214EM SPHERICAL ROLLER BEARINGS

Bearing No. 22214EM

Category	Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
EAN	0087796304178
Weight / US pound	0.01
Product Group	B04311
Design Unit	METRIC
Bearing Weight	1.6 Kg
Cage Type	EM
UPC Code	087796304178
Cage Material	Brass
Superseded Part	22214YM
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	219000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	205000 N



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e - ISO Factor ³	0.23
Y0 - ISO Factor ⁴	2.9
Y1 - ISO Factor ⁵	4.32
Y2 - ISO Factor ⁶	2.84
Reference Thermal Speed Rating (Grease)	4000
Reference Thermal Speed Rating (Oil) ⁷	4900
Cg - Geometry Factor ⁸	0.0552