



# RTU BEARING CORP.OF LTD.

## 22309KEMW33W800C4 TIMKEN Tapered Roller Bearings Tapered Single Metric

Bearing No. 22309KEMW33W800C4

Category	Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight / US pound	0
Product Group	B04311
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	1.4 Kg
Cage Type	EM
UPC Code	087796234659
Cage Material	Brass
Superseded Part	22309KYMW33W800C4
d - Bore	45 mm
D - Outer Diameter	99.993 mm
B - Inner Ring Width	36 mm
B - Outer Ring Width	36 mm
R - Inner Ring To Clear Radius <sup>1</sup>	1.5 mm
r - Outer Ring To Clear Radius <sup>2</sup>	1.5 mm
da - Inner Ring Backing Diameter	58.000 mm
Da - Outer Ring Backing Diameter	90.000 mm
C0 - Static Radial Rating	169000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	180000 N



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e - ISO Factor <sup>3</sup>	0.36
Y0 - ISO Factor <sup>4</sup>	1.9
Y1 - ISO Factor <sup>5</sup>	2.83
Y2 - ISO Factor <sup>6</sup>	1.86
Reference Thermal Speed Rating (Grease)	5100
Reference Thermal Speed Rating (Oil) <sup>7</sup>	6100
Cg - Geometry Factor <sup>8</sup>	0.049