



JOP BEARING MFG. CORP.

23944EMW509C08 TIMKEN Cylindrical Roller Radial Bearings

Bearing No. 23944EMW509C08

Category	Mounted Units & Inserts
Inventory	2.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
UNSPSC	31171510
Weight	0
Product Group	M06288
Design Unit	METRIC
Bearing Weight	12.00 Kg
Cage Type	EM
UPC Code	087796032125
Cage Material	Brass
Superseded Part	23944YMW509C08
d - Bore	220 mm
D - Outer Diameter	300 mm
B - Inner Ring Width	60 mm
B - Outer Ring Width	60 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	239.000 mm
Da - Outer Ring Backing Diameter	283.000 mm
C0 - Static Radial Rating	1210000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	739000 N



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e - ISO Factor ³	0.17
Y0 - ISO Factor ⁴	3.94
Y1 - ISO Factor ⁵	5.87
Y2 - ISO Factor ⁶	3.85
Reference Thermal Speed Rating (Grease)	1400
Reference Thermal Speed Rating (Oil) ⁷	1700
Cg - Geometry Factor ⁸	0.1064