



Timken Making Bearings LTD

Timken 22218KEMW33C3 Spherical Roller Bearings

Bearing No. 22218KEMW33C3

Category	Mounted Units & Inserts
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0
EAN	0087796136090
Product Group	M06288
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	3.5 Kg
Cage Type	EM
UPC Code	087796136090
Cage Material	Brass
Superseded Part	22218KYMW33C3
d - Bore	90 mm
D - Outer Diameter	160 mm
B - Inner Ring Width	40 mm
B - Outer Ring Width	40 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	105.000 mm
Da - Outer Ring Backing Diameter	146.000 mm
C0 - Static Radial Rating	388000 N
C1(2) - Dynamic Radial	355000 N



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Rating (Two-Rows)	
e - ISO Factor ³	0.23
Y0 - ISO Factor ⁴	2.9
Y1 - ISO Factor ⁵	4.31
Y2 - ISO Factor ⁶	2.83
Reference Thermal Speed Rating (Grease)	3500
Reference Thermal Speed Rating (Oil) ⁷	4300
Cg - Geometry Factor ⁸	0.0638