



JOP BEARING MFG. CORP.

22234KEMW33C4 TIMKEN Spherical Roller Bearings Steel Cage

Bearing No. 22234KEMW33C4

Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	28.50 Kg
Cage Type	EM
Cage Material	Brass
Superseded Part	22234KYMW33C4
d	170 mm
D	310 mm
B - Inner Ring Width	86 mm
B - Outer Ring Width	86.000 mm
R - Inner Ring To Clear Radius ¹	3.0 mm
r - Outer Ring To Clear Radius ²	3.0 mm
da - Inner Ring Backing Diameter	204.000 mm
Da - Outer Ring Backing Diameter	281.000 mm
C0 - Static Radial Rating	1590000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	1290000 N
e - ISO Factor ³	0.26
Y0 - ISO Factor ⁴	2.61
Y1 - ISO Factor ⁵	3.89
Y2 - ISO Factor ⁶	2.55
Reference Thermal Speed Rating (Grease)	1700

22234KEMW33C4 Bearing 2D drawings and 3D CAD models



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Reference Thermal Speed Rating (Oil) ⁷	2000
Cg - Geometry Factor ⁸	0.0901