



JOP BEARING MFG. CORP.



23184KYMBW25W507C08C2 Bearing 2D drawings and 3D CAD models

23184KYMBW25W507C08C2 TIMKEN Tapered Roller Bearings Tapered Single Imperial

Bearing No. 23184KYMBW25W507C08C2

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	345.637
Product Group	B04311
Internal Clearance	C2-Snug
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Bronze
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH3184 AOH3184 (Specify bore)
Inch - Metric	Metric
Long Description	420MM Tapered Bore; 700MM Outside Diameter; 224MM Width; C2-Snug Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be



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	available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.timken.com
Manufacturer Item Number	23184 KYMBW25W507C08C2
Weight / LBS	762
B	8.819 Inch 224 Millimeter
Adapter Part Number	SNP3184 (Specify bore) Inch H3184 (Specify bore) Millimeter
d	16.535 Inch 420 Millimeter
D	27.559 Inch 700 Millimeter
Design Unit	METRIC
Bore Taper	1/12
Bearing Weight	350.800 Kg
Cage Type	YMB
UPC Code	087796177895
d - Bore	420.000 mm
D - Outer Diameter	700.000 mm
B - Inner Ring Width	224 mm
B - Outer Ring Width	224.000 mm
R - Inner Ring To Clear Radius ¹	5.000 mm
r - Outer Ring To Clear Radius ²	5.000 mm
da - Inner Ring Backing Diameter	480.000 mm
Da - Outer Ring Backing Diameter	636.000 mm
C0 - Static Radial Rating	9640000 N



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C1(2) - Dynamic Radial Rating (Two-Rows)	5720000 N
e - ISO Factor ³	0.31
Y0 - ISO Factor ⁴	2.21
Y1 - ISO Factor ⁵	3.2
Y2 - ISO Factor ⁶	2.16
Reference Thermal Speed Rating (Grease)	440
Reference Thermal Speed Rating (Oil) ⁷	480
Cg - Geometry Factor ⁸	0.0957