



# JOP BEARING MFG. CORP.

## 23280YMBW507AC08 TIMKEN Spherical Roller Bearings Steel Cage

Bearing No. 23280YMBW507AC08

Design Unit	METRIC
Bearing Weight	457.500 Kg
Cage Type	YMB
Cage Material	Brass
d	400.000 mm
D	720.000 mm
B - Inner Ring Width	256 mm
B - Outer Ring Width	256.000 mm
R - Inner Ring To Clear Radius <sup>1</sup>	5.000 mm
r - Outer Ring To Clear Radius <sup>2</sup>	5.000 mm
da - Inner Ring Backing Diameter	466.000 mm
Da - Outer Ring Backing Diameter	646.000 mm
C0 - Static Radial Rating	10800000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	6720000 N
e - ISO Factor <sup>3</sup>	0.34
Y0 - ISO Factor <sup>4</sup>	1.96
Y1 - ISO Factor <sup>5</sup>	2.93
Y2 - ISO Factor <sup>6</sup>	1.92
Reference Thermal Speed Rating (Grease)	350
Reference Thermal Speed Rating (Oil) <sup>7</sup>	380
Cg - Geometry Factor <sup>8</sup>	0.0952

23280YMBW507AC08 Bearing 2D drawings and 3D CAD models



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