



# LINEAR BEARINGS CO.,LTD

## 22312EMW33 TIMKEN Cylindrical Roller Bearings-Inner Ring

Bearing No. 22312EMW33

Category	Mounted Units & Inserts
Inventory	0.0
Manufacturer Name	TIMKEN
Minimum Buy Quantity	N/A
Weight	0
Product Group	M06288
Design Unit	METRIC
Bearing Weight	3.0 Kg
Cage Type	EM
UPC Code	087796275140
Cage Material	Brass
Superseded Part	22312YMW33
d - Bore	60 mm
D - Outer Diameter	130 mm
B - Inner Ring Width	46 mm
B - Outer Ring Width	46 mm
R - Inner Ring To Clear Radius <sup>1</sup>	2.0 mm
r - Outer Ring To Clear Radius <sup>2</sup>	2.0 mm
da - Inner Ring Backing Diameter	77.0 mm
Da - Outer Ring Backing Diameter	117.000 mm
C0 - Static Radial Rating	307000 N
C1(2) - Dynamic Radial Rating (Two-Rows)	306000 N
e - ISO Factor <sup>3</sup>	0.34



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Y0 - ISO Factor <sup>4</sup>	1.98
Y1 - ISO Factor <sup>5</sup>	2.94
Y2 - ISO Factor <sup>6</sup>	1.93
Reference Thermal Speed Rating (Grease)	4100
Reference Thermal Speed Rating (Oil) <sup>7</sup>	4900
Cg - Geometry Factor <sup>8</sup>	0.0532