



The Timken Company

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Part Number 23028KEJW33C3, Spherical Roller Bearings - Steel Cage

Spherical bearings are designed to manage high radial loads even when misalignment, poor lubrication, contamination, extreme speeds or critical application stresses are present.



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Specifications

UPC Code	087796024175
Design Unit	Metric
d - Bore	140 mm
Lubrication Type	Standard Grease
Bore_Taper	1/12
Cage Type	EJ
Cage Material	Steel
Superseded Part	23028KCJW33C3



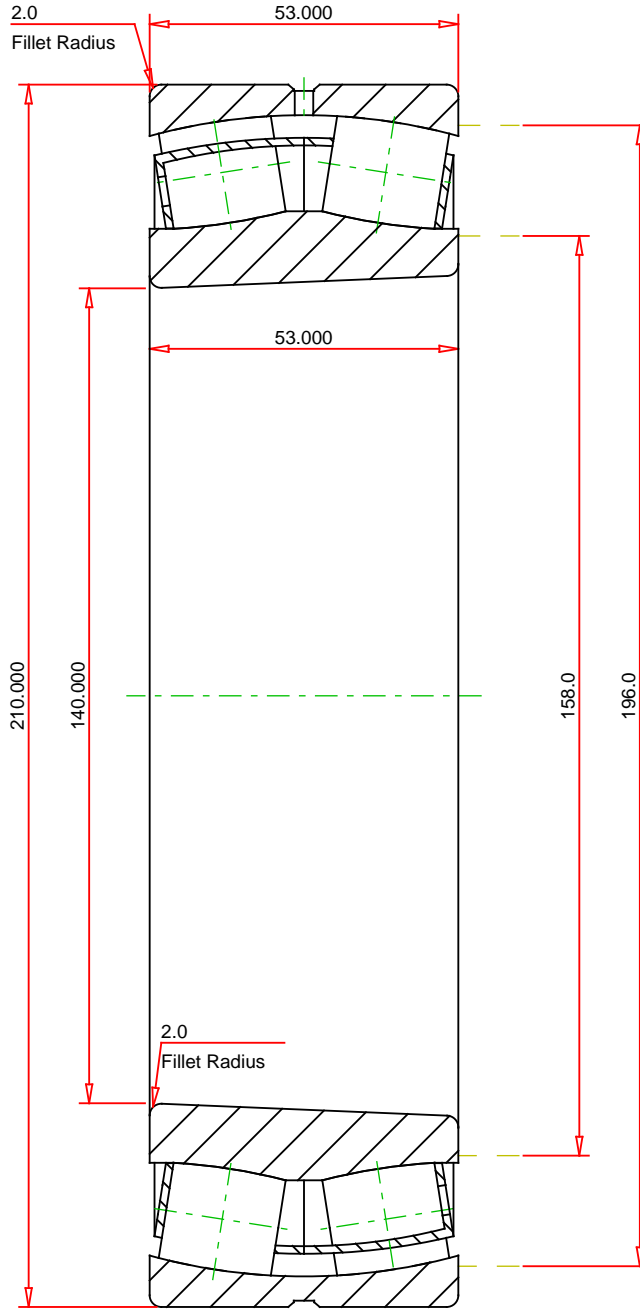
e - ISO Factor¹	0.22
Y0 - ISO Factor²	3.03
Y1 - ISO Factor³	3.1
Y2 - ISO Factor⁴	4.61
Reference Thermal Speed Rating (Grease)	2300 rpm
Reference Thermal Speed Rating (Oil)⁵	2800 rpm
Cg - Geometry Factor⁶	0.0819

Dimensions

D - Outer Diameter	210 mm 8.2677 in
B' - Inner Ring Width	53 mm 2.0866 in
B - Outer Ring Width	53 mm 2.0866 in

Abutment and Fillet Dimensions

R - Inner Ring "To Clear" Radius⁷	2 mm 0.080 in
r - Outer Ring "To Clear" Radius⁸	2 mm 0.080 in
da - Inner Ring Backing Diameter	158 mm 6.2000 in
Da - Outer Ring Backing Diameter	196.000 mm 7.700 in



METRIC UNITS

Number of Rollers Per Row	27
ISO Factor e	0.22
ISO Factor Y0	3.03
ISO Factor Y1	3.10
ISO Factor Y2	4.61
Bearing Weight	kg
Cage Type	EJ
Cage Material	Steel
Bore Taper	1/12

TIMKEN®

THE TIMKEN COMPANY
NORTH CANTON, OHIO USA

23028KEJW33C3 SRB ASSEMBLY	
Dynamic Radial Rating (Two Rows)	551000 N
Static Radial Rating	802000 N

Every reasonable effort has been made to ensure the accuracy of the information contained in this writing, but no liability is accepted for errors, omissions or for any other reason.

FOR DISCUSSION ONLY