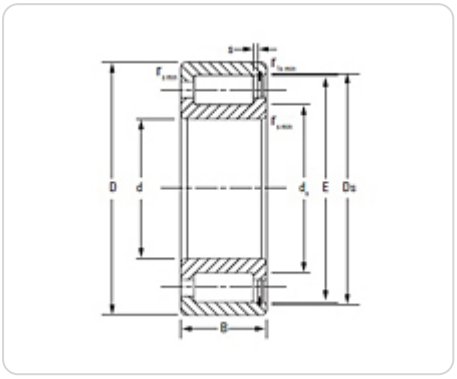
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Part Number NCF2952VC3, Cylindrical Roller Radial Bearings - Full Complement





Key Features

- High radial load capacity
- Full-complement construction, no cage included
- Can manage axial loads in one direction and small axial displacement
- Sold as a completely unitized assembly
- Enhanced operational reliability due to optimized bearing design and reduced heat generation
- Long service life

Key Dimensions

Bore (d)	260 mm
O.D. (D)	360 mm 14.1732 in
Width (B)	2.3622 in 60 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	837000 N 188000 lbf

Other Dimensions

Weight	18.5 Kg 40.8 lb
Shaft Backing Shoulder Dia.	281.3 mm 11.0700 in
Housing Backing Shoulder Dia.	334.6 mm 13.1700 in
Max Shaft Fillet Radius LF ID	0.080 in 2.1 mm
Max Shaft Fillet Radius RF ID	2.1 in 0.080 mm
Max Housing Fillet Radius LF OD	2.1 in 0.080 mm
Max Housing Fillet Radius RF OD	0.080 in 2.1 mm
DUR/DOR F/E	333.4 mm 13.1260 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	1480000 N 333000 lbf
Thermal Reference Speed - Oil	730 rpm
Thermal Reference Speed - Grease	650 rpm

Factors

Geometry Factor (Cg)	0.167 0.1670 mm

[1] Based on 1 x 10^6 revolutions L_{10} life, for the ISO life calculation method.

[2] Permissible axial displacement from normal position of one bearing ring in relation to the other.