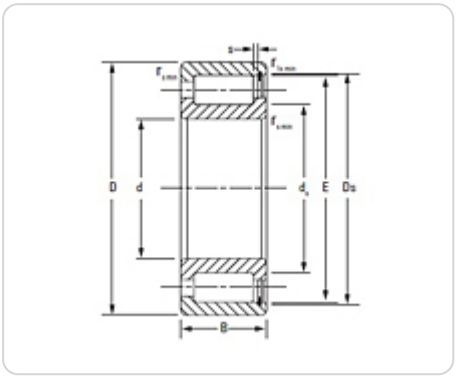
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Part Number NCF2984VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	420 mm
O.D. (D)	560 mm 22.0472 in
Width (B)	3.2283 in 82 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1870000 N 419000 lbf

Other Dimensions

Weight	56.3 Kg 123.9 lb
Shaft Backing Shoulder Dia.	447.5 mm 17.62 in
Housing Backing Shoulder Dia.	524.8 mm 20.66 in
Max Shaft Fillet Radius LF ID	0.12 in 3 mm
Max Shaft Fillet Radius RF ID	4 in 0.16 mm
Max Housing Fillet Radius LF OD	4 in 0.16 mm
Max Housing Fillet Radius RF OD	0.12 in 3 mm
DUR/DOR F/E	523.5 mm 20.6102 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.158 in

Ratings

Static Radial Load Rating (C0)	3660000 N 823000 lbf
Thermal Reference Speed - Oil	350 rpm
Thermal Reference Speed - Grease	320 rpm

Factors

Geometry Factor (Cg)	0.2388 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.