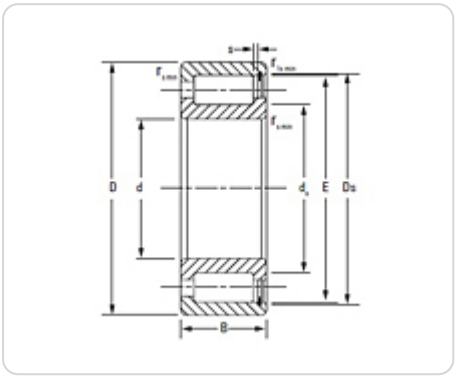
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Part Number NCF2964VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	320 mm
O.D. (D)	440 mm 17.3228 in
Width (B)	2.8346 in 72 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1300000 N 293000 lbf

Other Dimensions

Weight	32.9 Kg 72.530 lb
Shaft Backing Shoulder Dia.	346.5 mm 13.6400 in
Housing Backing Shoulder Dia.	412 mm 16.2200 in
Max Shaft Fillet Radius LF ID	0.12 in 3 mm
Max Shaft Fillet Radius RF ID	3 in 0.12 mm
Max Housing Fillet Radius LF OD	3 in 0.12 mm
Max Housing Fillet Radius RF OD	0.12 in 3 mm
DUR/DOR F/E	410.5 mm 16.1614 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	2400000 N 540000 lbf
Thermal Reference Speed - Oil	400 rpm
Thermal Reference Speed - Grease	340 rpm

Factors

Geometry Factor (Cg)	0.1990 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.