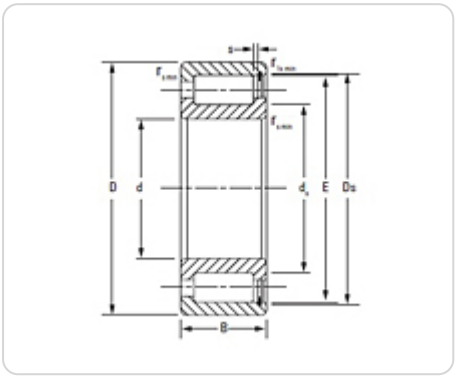
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Part Number NCF2996VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	480 mm
O.D. (D)	650 mm 25.5906 in
Width (B)	3.937 in 100 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	2570000 N 579000 lbf

Other Dimensions

Weight	94.0 Kg 207.500 lb
Shaft Backing Shoulder Dia.	519.2 mm 20.4400 in
Housing Backing Shoulder Dia.	616.8 mm 24.2800 in
Max Shaft Fillet Radius LF ID	0.2 in 5 mm
Max Shaft Fillet Radius RF ID	5 in 0.2 mm
Max Housing Fillet Radius LF OD	5 in 0.2 mm
Max Housing Fillet Radius RF OD	0.2 in 5 mm
DUR/DOR F/E	615.2 mm 24.2205 in
Permissible Axial Displacement (S3)[2]	6 mm 0.236 in

Ratings

Static Radial Load Rating (C0)	4910000 N 110000 lbf
Thermal Reference Speed - Oil	230 rpm
Thermal Reference Speed - Grease	210 rpm

Factors

Geometry Factor (Cg)	0.2690 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.