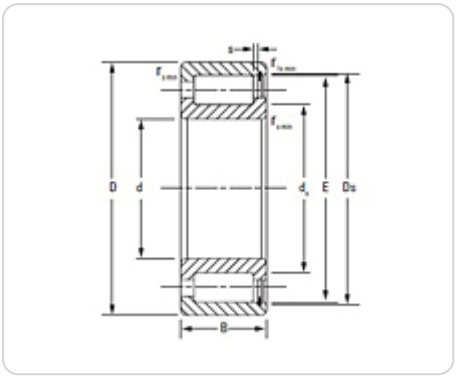
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Part Number NCF2980V, Cylindrical Roller Radial Bearings - Full Complement





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)	400 mm
O.D. (D)	540 mm 21.2598 in
Width (B)	3.2283 in 82 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1840000 N 414000 lbf

Other Dimensions

Weight	53.8 Kg 118.4 lb
Shaft Backing Shoulder Dia.	435.4 mm 17.14 in
Housing Backing Shoulder Dia.	512.4 mm 20.17 in
Max Shaft Fillet Radius LF ID	0.118 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	0.118 in 3 mm
DUR/DOR F/E	511.4 mm 20.1339 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	3560000 N 801000 lbf
Thermal Reference Speed - Oil	370 rpm
Thermal Reference Speed - Grease	340 rpm

Factors

Geometry Factor (Cg)	0.2343 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.