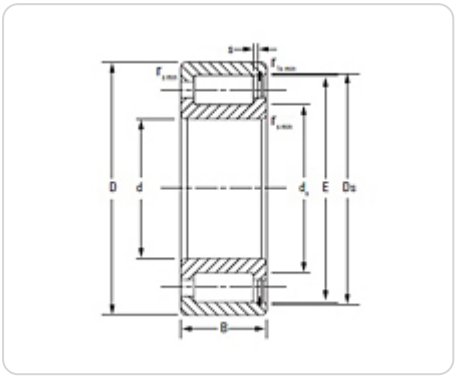
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Part Number NCF2960V, Cylindrical Roller Radial Bearings - Full Complement





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)	300 mm
O.D. (D)	420 mm 16.5354 in
Width (B)	2.8346 in 72 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1260000 N 284000 lbf

Other Dimensions

Weight	31.2 Kg 68.800 lb
Shaft Backing Shoulder Dia.	326 mm 12.8300 in
Housing Backing Shoulder Dia.	390.5 mm 15.3700 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	390 mm 15.3543 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	2260000 N 508000 lbf
Thermal Reference Speed - Oil	560 rpm
Thermal Reference Speed - Grease	500 rpm

Factors

Geometry Factor (Cg)	0.1910 0.1910 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.