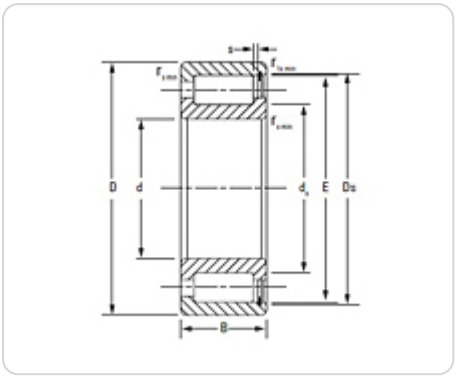
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Part Number NCF2968V, Cylindrical Roller Radial Bearings - Full Complement





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)	340 mm
O.D. (D)	460 mm 18.1102 in
Width (B)	2.8346 in 72 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1330000 N 300000 lbf

Other Dimensions

Weight	34.4 Kg 75.7 lb
Shaft Backing Shoulder Dia.	366.8 mm 14.44 in
Housing Backing Shoulder Dia.	433 mm 17.05 in
Max Shaft Fillet Radius LF ID	0.098 in 2.5 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	0.098 in 2.5 mm
DUR/DOR F/E	430.8 mm 16.9606 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	2520000 N 567000 lbf
Thermal Reference Speed - Oil	690 rpm
Thermal Reference Speed - Grease	590 rpm

Factors

Geometry Factor (Cg)	0.2049 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.