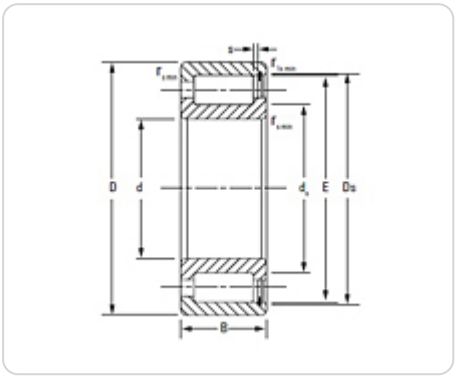
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Part Number NCF1868V, Cylindrical Roller Radial Bearings - Full Complement





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)	420 mm 16.5354 in
Width (B)	1.4961 in 38 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	484000 N 109000 lbf

Other Dimensions

Weight	11.0 Kg 24.200 lb
Shaft Backing Shoulder Dia.	360.8 mm 14.2000 in
Housing Backing Shoulder Dia.	403.8 mm 15.9000 in
Max Shaft Fillet Radius LF ID	0.060 in 1.5 mm
Max Shaft Fillet Radius RF ID	2.1 in 0.080 mm
Max Housing Fillet Radius LF OD	2.1 in 0.080 mm
Max Housing Fillet Radius RF OD	0.060 in 1.5 mm
DUR/DOR F/E	402.8 mm 15.8583 in
Permissible Axial Displacement (S3)[2]	3.00 mm 0.118 in

Ratings

Static Radial Load Rating (C0)	953000 N 214000 lbf
Thermal Reference Speed - Oil	650 rpm
Thermal Reference Speed - Grease	560 rpm

Factors

Geometry Factor (Cg)	0.1740 0.1740 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.