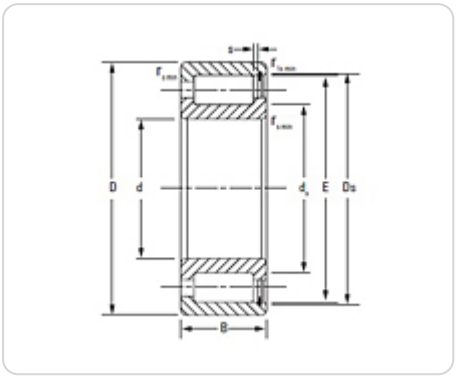
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Part Number NCF2930VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	150 mm
O.D. (D)	210 mm 8.2677 in
Width (B)	1.4173 in 36 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	328000 N 73800 lbf

Other Dimensions

Weight	3.8 Kg 8.3 lb
Shaft Backing Shoulder Dia.	162.4 mm 6.3900 in
Housing Backing Shoulder Dia.	200.5 mm 7.8900 in
Max Shaft Fillet Radius LF ID	0.040 in 1.1 mm
Max Shaft Fillet Radius RF ID	2 in 0.080 mm
Max Housing Fillet Radius LF OD	2 in 0.080 mm
Max Housing Fillet Radius RF OD	0.040 in 1.1 mm
DUR/DOR F/E	196.4 mm 7.7323 in
Permissible Axial Displacement (S3)[2]	2.20 mm 0.087 in

Ratings

Static Radial Load Rating (C0)	506000 N 114000 lbf
Thermal Reference Speed - Oil	1500 rpm
Thermal Reference Speed - Grease	1300 rpm

Factors

Geometry Factor (Cg)	0.1280 0.1280 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.