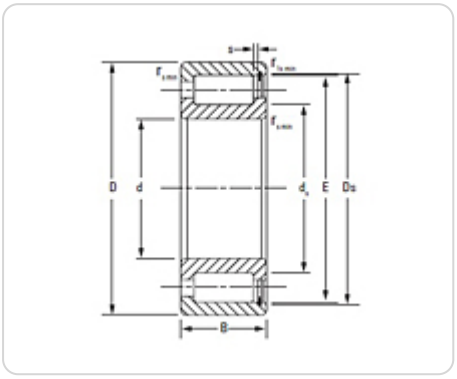
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Part Number NCF2940VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	200 mm
O.D. (D)	280 mm 11.0236 in
Width (B)	1.8898 in 48 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	587000 N 132000 lbf

Other Dimensions

Weight	9.1 Kg 20.100 lb
Shaft Backing Shoulder Dia.	217.1 mm 8.5500 in
Housing Backing Shoulder Dia.	262 mm 10.3200 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	261.1 mm 10.2795 in
Permissible Axial Displacement (S3)[2]	1.95 mm 0.077 in

Ratings

Static Radial Load Rating (C0)	971000 N 218000 lbf
Thermal Reference Speed - Oil	1000 rpm
Thermal Reference Speed - Grease	910 rpm

Factors

Geometry Factor (Cg)	0.137 0.1370 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.