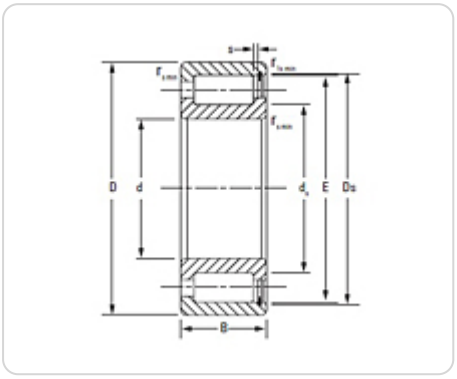
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Part Number NCF2928VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	140 mm
O.D. (D)	190 mm 7.4803 in
Width (B)	1.1811 in 30 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	243000 N 54700 lbf

Other Dimensions

Weight	2.4 Kg 5.3 lb
Shaft Backing Shoulder Dia.	151.6 mm 5.9700 in
Housing Backing Shoulder Dia.	180.2 mm 7.1000 in
Max Shaft Fillet Radius LF ID	0.040 in 1.1 mm
Max Shaft Fillet Radius RF ID	1.5 in 0.060 mm
Max Housing Fillet Radius LF OD	1.5 in 0.060 mm
Max Housing Fillet Radius RF OD	0.040 in 1.1 mm
DUR/DOR F/E	179.6 mm 7.0709 in
Permissible Axial Displacement (S3)[2]	1.90 mm 0.075 in

Ratings

Static Radial Load Rating (C0)	389000 N 87300 lbf
Thermal Reference Speed - Oil	1600 rpm
Thermal Reference Speed - Grease	1300 rpm

Factors

Geometry Factor (Cg)	0.167 0.1670 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.