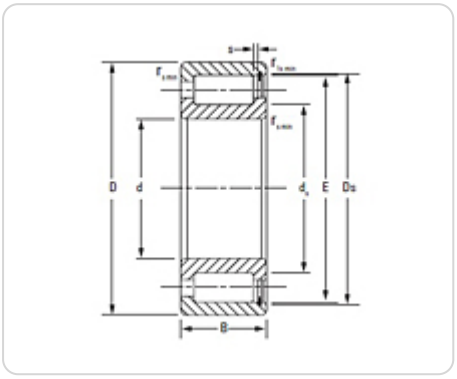
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Part Number NCF2938VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	190 mm
O.D. (D)	260 mm 10.2362 in
Width (B)	1.6535 in 42 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	487000 N 109000 lbf

Other Dimensions

Weight	6.5 Kg 14.3 lb
Shaft Backing Shoulder Dia.	204 mm 8.0300 in
Housing Backing Shoulder Dia.	248.2 mm 9.7700 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	244 mm 9.6063 in
Permissible Axial Displacement (S3)[2]	1.50 mm 0.059 in

Ratings

Static Radial Load Rating (C0)	803000 N 180000 lbf
Thermal Reference Speed - Oil	1100 rpm
Thermal Reference Speed - Grease	980 rpm

Factors

Geometry Factor (Cg)	0.129 0.1290 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.