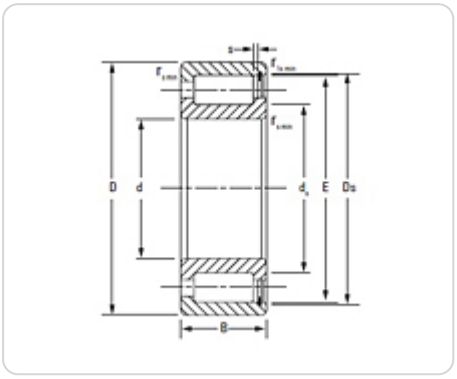
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Part Number NCF2976VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	380 mm
O.D. (D)	520 mm 20.4724 in
Width (B)	3.2283 in 82 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1790000 N 402000 lbf

Other Dimensions

Weight	52.8 Kg 116.620 lb
Shaft Backing Shoulder Dia.	411.3 mm 16.1900 in
Housing Backing Shoulder Dia.	488.8 mm 19.2400 in
Max Shaft Fillet Radius LF ID	0.16 in 4 mm
Max Shaft Fillet Radius RF ID	4 in 0.16 mm
Max Housing Fillet Radius LF OD	4 in 0.16 mm
Max Housing Fillet Radius RF OD	0.16 in 4 mm
DUR/DOR F/E	487.3 mm 19.1850 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	3360000 N 756000 lbf
Thermal Reference Speed - Oil	390 rpm
Thermal Reference Speed - Grease	360 rpm

Factors

Geometry Factor (Cg)	0.2280 0.2280 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.