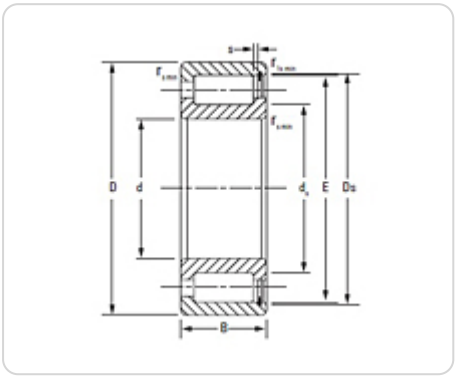
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Part Number NCF1876VC3, Cylindrical Roller Radial Bearings - Full Complement





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)	480 mm 18.8976 in
Width (B)	1.811 in 46 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	698000 N 157000 lbf

Other Dimensions

Weight	18.8 Kg 41.600 lb
Shaft Backing Shoulder Dia.	405.3 mm 15.9600 in
Housing Backing Shoulder Dia.	458.3 mm 18.0400 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	457.3 mm 18.0039 in
Permissible Axial Displacement (S3)[2]	3.50 mm 0.138 in

Ratings

Static Radial Load Rating (C0)	1350000 N 304000 lbf
Thermal Reference Speed - Oil	370 rpm
Thermal Reference Speed - Grease	310 rpm

Factors

Geometry Factor (Cg)	0.1930 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.