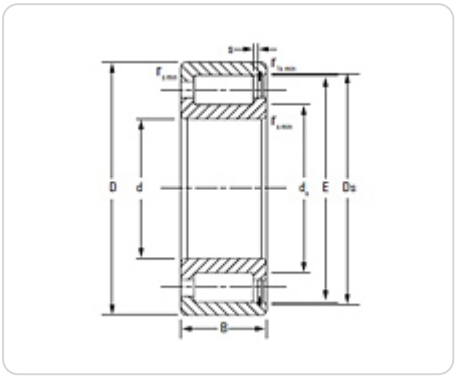
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Part Number NCF1872V, Cylindrical Roller Radial Bearings - Full Complement





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)	360 mm
O.D. (D)	440 mm 17.3228 in
Width (B)	1.4961 in 38 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	506000 N 114000 lbf

Other Dimensions

Weight	11.4 Kg 25.1 lb
Shaft Backing Shoulder Dia.	381 mm 15 in
Housing Backing Shoulder Dia.	428.9 mm 16.89 in
Max Shaft Fillet Radius LF ID	0.079 in 2 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	0.079 in 2 mm
DUR/DOR F/E	423 mm 16.6535 in
Permissible Axial Displacement (S3)[2]	2.75 mm 0.1083 in

Ratings

Static Radial Load Rating (C0)	1030000 N 231000 lbf
Thermal Reference Speed - Oil	600 rpm
Thermal Reference Speed - Grease	510 rpm

Factors

Geometry Factor (Cg)	0.1755 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.