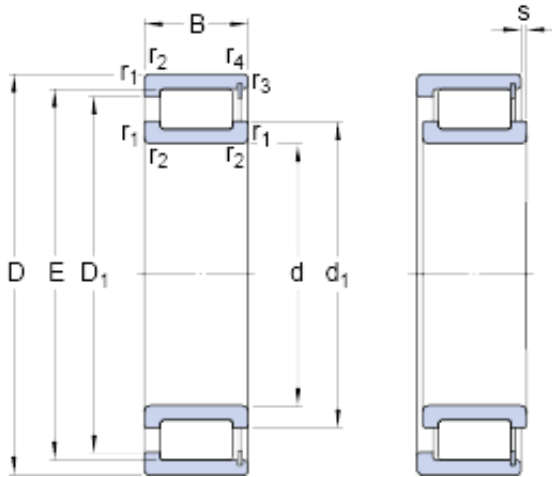




TON BEARING CO.,LTD.



20 mm x 42 mm x 16 mm skf NCF 3004 CV
Single row full complement cylindrical roller bearings

Bearing No. NCF 3004 CV

NCF 3004 CV Bearing 2D drawings and 3D CAD models

Size	42x20x16 mm
Bore Diameter	42 mm
Outer Diameter	20 mm
Width	16 mm
d	20 mm
D	42 mm
B	16 mm
d ₁	29 mm
D ₁	33 mm
E	36.81 mm
s	1.5 mm
r _{1,2} - min.	0.6 mm
r _{3,4} - min.	0.3 mm
d _a - min.	24 mm
d _{as}	26.9 mm
D _a - max.	38 mm
D _b - max.	39 mm
r _a - max.	0.6 mm
r _b - max.	0.3 mm
Basic dynamic load rating - C	28.1 kN
Basic static load rating - C ₀	28.5 kN
Fatigue load limit - P _u	3.1 kN
Reference speed	8500 r/min



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Limiting speed	10000 r/min
Calculation factor - k_r	0.3
Calculation factor - e	0.3
Calculation factor - Y	0.4
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.112
EAN	7316577723611
Product Group	B04144
Bore Profile	Straight
Cage Material	None
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	No
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	No
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Full Complement 2 Rib Inner Ring 1 Rib Outer Ring with Retaining Ring
Long Description	20MM Bore; Straight Bore Profile; 42MM Outside Diameter; 16MM Width; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retainer



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Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NCF 3004 CV
Weight / LBS	0.246
Bore	0.787 Inch 20 Millimeter
Outside Diameter	1.654 Inch 42 Millimeter
Width	0.63 Inch 16 Millimeter
bore diameter:	20 mm
static load capacity:	28.5 kN
outside diameter:	42 mm
precision rating:	Not Rated
overall width:	16 mm
maximum rpm:	10000 RPM
flanges:	(2) Inner Ring
finish/coating:	Uncoated
bore type:	Straight
closure type:	Open
number of rows:	1
outer ring width:	16 mm
internal clearance:	C0
fillet radius:	0.6 mm
dynamic load capacity:	28.1 kN
series:	NCF30
d_1	29 mm
D_1	33 mm
s max.	1.5 mm
$r_{1,2}$ min.	0.6 mm
$r_{3,4}$ min.	0.3 mm
d_a min.	24 mm



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d_{as}	26.9 mm
D_a max.	38 mm
D_b max.	39 mm
r_a max.	0.6 mm
r_b max.	0.3 mm
Basic dynamic load rating C	28.1 kN
Basic static load rating C_0	28.5 kN
Fatigue load limit P_u	3.1 kN
Calculation factor k_r	0.3
Calculation factor e	0.3
Calculation factor Y	0.4
Mass bearing	0.11 kg