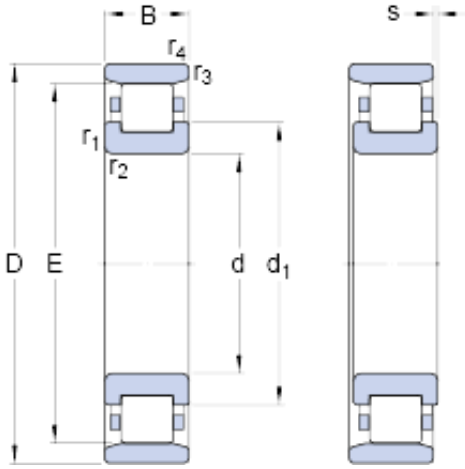




CSC BEARING GROUP limited



20 mm x 52 mm x 15 mm SKF N 304 ECP Ball bearing

Bearing No. N 304 ECP

N 304 ECP Bearing 2D drawings and 3D CAD models

Size	52x20x15 mm
Bore Diameter	52 mm
Outer Diameter	20 mm
Width	15 mm
d	20 mm
D	52 mm
B	15 mm
d ₁	31.2 mm
E	45.5 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	0.6 mm
s	0.9 mm
d _a - min.	26.1 mm
d _a - max.	44 mm
D _a - min.	47 mm
D _a - max.	48 mm
r _a - max.	1 mm
r _b - max.	0.6 mm
Basic dynamic load rating - C	35.5 kN
Basic static load rating - C ₀	26 kN
Fatigue load limit - P _u	3.2 kN
Reference speed	15000 r/min
Limiting speed	18000 r/min
Calculation factor - k _r	0.12



CSC BEARING GROUP limited

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.156
EAN	7316577059956
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C0-Medium
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	20MM Bore; Straight Bore Profile; 52MM Outside Diameter; 15MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing



CSC BEARING GROUP limited

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	N 304 ECP
Weight / LBS	0.344
Outside Diameter	2.047 Inch 52 Millimeter
Bore	0.787 Inch 20 Millimeter
Width	0.591 Inch 15 Millimeter
bore diameter:	20 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	52 mm
maximum rpm:	18000 RPM
overall width:	15 mm
bearing material:	Steel
flanges:	(2) Inner Ring
cage material:	Polyamide
bore type:	Straight
finish/coating:	Uncoated
number of rows:	1
closure type:	Open
internal clearance:	C0
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
ring separation:	Separable Ring
outer ring width:	15 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	35.5 kN
series:	N3
static load capacity:	26 kN
d ₁	31.2 mm
r _{1,2} min.	1.1 mm



CSC BEARING GROUP limited

$r_{3,4}$ min.	0.6 mm
s max.	0.9 mm
d_a min.	26.1 mm
d_a max.	44 mm
D_a min.	47 mm
D_a max.	48 mm
r_a max.	1 mm
r_b max.	0.6 mm
Basic dynamic load rating C	35.5 kN
Basic static load rating C_0	26 kN
Fatigue load limit P_u	3.25 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.15 kg