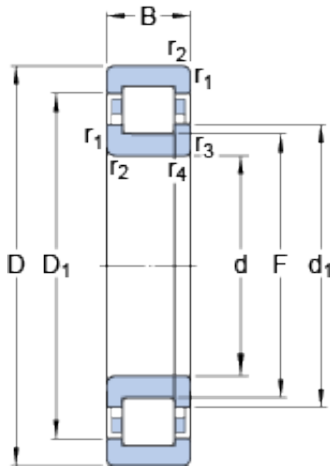




BEARING FORGE OF AMERICA CORP.



nup 204 ecp Bearing 2D drawings and 3D CAD models

20 mm x 47 mm x 14 mm skf nup 204 ecp bearing

Bearing No. nup 204 ecp

Size	47x20x14 mm
Bore Diameter	47 mm
Outer Diameter	20 mm
Width	14 mm
d	20 mm
D	47 mm
B	14 mm
d ₁	29.7 mm
D ₁	38.44 mm
F	26.5 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
d _a - min.	25 mm
d _b - min.	31 mm
D _a - max.	41.7 mm
r _a - max.	1 mm
Basic dynamic load rating - C	28.5 kN
Basic static load rating - C ₀	22 kN
Fatigue load limit - P _u	2.8 kN
Reference speed	16000 r/min
Limiting speed	19000 r/min
Calculation factor - k _r	0.15
Category	Cylindrical Roller Bearings
Inventory	0.0



BEARING FORGE OF AMERICA CORP.

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.121
EAN	7316577028396
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
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	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	20MM Bore; Straight Bore Profile; 47MM Outside Diameter; 14MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com



BEARING FORGE OF AMERICA CORP.

Manufacturer Item Number	NUP 204 ECP
Weight / LBS	0.267
Bore	0.787 Inch 20 Millimeter
Width	0.551 Inch 14 Millimeter
Outside Diameter	1.85 Inch 47 Millimeter
bore diameter:	20 mm
static load capacity:	22 kN
outside diameter:	47 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	14 mm
maximum rpm:	19000 RPM
flanges:	(4) Flanges, Two-Piece 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:	14 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	25.1 kN
series:	NUP2
d ₁	29.7 mm
D ₁	38.44 mm
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm



BEARING FORGE OF AMERICA CORP.

d_a min.	25 mm
d_b min.	31 mm
D_a max.	41.7 mm
r_a max.	1 mm
Basic dynamic load rating C	28.5 kN
Basic static load rating C_0	22 kN
Fatigue load limit P_u	2.75 kN
Calculation factor k_r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.12 kg