

NTN 22324B spherical roller bearings

What is NTN 22324B spherical roller bearings in mechanical engineering? Manufacturing Service . Upload your CAD file for 80x35x21 Size (mm) an 80 Bore Diameter (mm) instant.

Size (mm)	80x35x21
Bore Diameter (mm)	80
Outer Diameter (mm)	35
Width (mm)	21
d	35 mm
D	80 mm
B	21 mm
D1	65.8 mm
F	46.2 mm
r1,2 – min.	1.5 mm
r3,4 – min.	1.1 mm
s	1.2 mm
da – min.	42 mm
da – max.	44 mm
db – min.	48 mm
Da – max.	72.2 mm
ra – max.	1.5 mm
rb – max.	1 mm
Basic dynamic load rating – C	75 kN
Basic static load rating – C0	63 kN
Fatigue load limit – Pu	8.2 kN
Reference speed	9500 r/min

Limiting speed	11000 r/min
Calculation factor – kr	0.15
Inventory	11.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.576
EAN	7316576623721
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Inner 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 Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Long Description	35MM Bore; Straight Bore Profile; 80MM Outside Diameter; 21MM Width; Brass Cage Material; RBEC 1
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00

Noun	Bearing
Manufacturer Item Number	NU 307 ECM
Weight / LBS	1.27
Width	0.827 Inch 21 Millimeter
Bore	1.378 Inch 35 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
bore diameter:	35 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	80 mm
maximum rpm:	11000 RPM
overall width:	21 mm
bearing material:	Steel
flanges:	(2) Outer Ring
cage material:	Brass
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:	21 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	1.5 mm
dynamic load capacity:	75 kN
series:	NU3
static load capacity:	63 kN
D1 ≈	65.8 mm

r _{1,2} min.	1.5 mm
r _{3,4} min.	1.1 mm
s max.	1.2 mm
d _a min.	42 mm
d _a max.	44 mm
d _b min.	48 mm
D _a max.	72.2 mm
r _a max.	1.5 mm
r _b max.	1 mm
Basic dynamic load rating C	75 kN
Basic static load rating C ₀	63 kN
Fatigue load limit P _u	8.15 kN
Calculation factor k _r	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.55 kg
Angle ring	HJ 307 EC