

# SKF 6002/HR22T2 deep groove ball bearings

SKF 6002/HR22T2 deep groove ball bearings with easy-to-use parts graphics, giving you the ability 140x65x33 Size (mm) to check parts availability, pricing, examine remanufactured options.

Size (mm)	140x65x33
Bore Diameter (mm)	140
Outer Diameter (mm)	65
Width (mm)	33
d	65 mm
D	140 mm
B	33 mm
d1	90.5 mm
D1	117.4 mm
F	82.5 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	2.2 mm
da – min.	77 mm
da – max.	80 mm
db – min.	93 mm
Da – max.	127.8 mm
ra – max.	2 mm
Basic dynamic load rating – C	212 kN
Basic static load rating – C0	196 kN
Fatigue load limit – Pu	25.5 kN

Reference speed	5300 r/min
Limiting speed	6000 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.738
EAN	7316576624445
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 – One Side
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   2 Rib Outer Ring   Cage on Outer Ring ID
Long Description	65MM Bore; Straight Bore Profile; 140MM Outside Diameter; 33MM Width; Brass Cage Material; RBEC 1
UNSPSC	31171547

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NJ 313 ECM
Weight / LBS	6.031
Bore	2.559 Inch   65 Millimeter
Width	1.299 Inch   33 Millimeter
Outside Diameter	5.512 Inch   140 Millimeter
bore diameter:	65 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	140 mm
maximum rpm:	6000 RPM
overall width:	33 mm
bearing material:	Steel
flanges:	(2) Outer Ring, (1) Inner 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:	33 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	212 kN
series:	NJ3
static load capacity:	196 kN

d1 ≈	90.5 mm
D1 ≈	117.4 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm
s max.	2.2 mm
da min.	77 mm
da max.	80 mm
db min.	93 mm
Da max.	127.8 mm
ra max.	2 mm
Basic dynamic load rating C	212 kN
Basic static load rating C0	196 kN
Fatigue load limit Pu	25.5 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	2.69 kg
Angle ring	HJ 313 EC