

SKF 7219 BEGAPH angular contact ball bearings

SKF 7219 BEGAPH angular contact ball bearings with easy-to-use parts 105 Outer Diameter (mm) graphics, giving you the ability to 190x105x36 Size (mm) check parts availability, pricing, examine remanufactured options. 190 Bore Diameter (mm)

Size (mm)	190x105x36
Bore Diameter (mm)	190
Outer Diameter (mm)	105
Width (mm)	36
d	105 mm
D	190 mm
B	36 mm
D1	164 mm
F	125 mm
r1,2 – min.	2.1 mm
r3,4 – min.	2.1 mm
s	2 mm
da – min.	117 mm
da – max.	122 mm
db – min.	128 mm
Da – max.	177.3 mm
ra – max.	2 mm
rb – max.	2 mm
Basic dynamic load rating – C	300 kN
Basic static load rating – C0	315 kN
Fatigue load limit – Pu	36.5 kN

Reference speed	3800 r/min
Limiting speed	4300 r/min
Calculation factor – kr	0.15
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.986
EAN	7316577060440
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
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	105MM Bore; Straight Bore Profile; 190MM Outside Diameter; 36MM Width; Polymer Cage Material; RBEC
UNSPSC	31171547

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer Item Number	NU 221 ECP
Weight / LBS	8.779
Width	1.417 Inch 36 Millimeter
Bore	4.134 Inch 105 Millimeter
Outside Diameter	7.48 Inch 190 Millimeter
bore diameter:	105 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	190 mm
maximum rpm:	4300 RPM
overall width:	36 mm
bearing material:	Steel
flanges:	(2) Outer 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:	36 mm
operating temperature range:	Maximum of +300 °F
fillet radius:	2 mm
dynamic load capacity:	300 kN
series:	NU2
static load capacity:	315 kN

D1 ≈	164.2 mm
r1,2 min.	2.1 mm
r3,4 min.	2.1 mm
s max.	2 mm
da min.	117 mm
da max.	122 mm
db min.	128 mm
Da max.	177.3 mm
ra max.	2 mm
rb max.	2 mm
Basic dynamic load rating C	300 kN
Basic static load rating C0	315 kN
Fatigue load limit Pu	36.5 kN
Calculation factor kr	0.15
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	3.96 kg
Angle ring	HJ 221 EC