



Bearing No. NUP 2203 ECP

B	16 mm
F	22.1 mm
d	17 mm
D	40 mm
Noun	Bearing
Bore	0.669 Inch 17 Millimeter
Width	0.63 Inch 16 Millimeter
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
series:	NUP22
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Size (mm)	40x17x16
Snap Ring	No
Separable	No
Inventory	0.0
Width (mm)	16
bore type:	Straight
maximum rpm:	22000 RPM
Weight / LBS	0.226
Bore Profile	Straight
Mass bearing	0.097 kg
D ₁	32.35 mm
Product Group	B04144
Cage Material	Polymer
Inch - Metric	Metric

closure type:	Open
d ₁	25 mm
Bearing number	NUP 2203 ECP
cage material:	Polyamide
Limiting speed	22000 r/min
overall width:	16 mm
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
bore diameter:	17 mm
fillet radius:	0.6 mm
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
Reference speed	19000 r/min
finish/coating:	Uncoated
Outside Diameter	1.575 Inch 40 Millimeter
Long Description	17MM Bore; Straight Bore Profile; 40MM Outside Diameter; 16MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Ret
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Limiting value e	0.3
outer ring width:	16 mm
precision rating:	Not Rated

outside diameter:	40 mm
Weight / Kilogram	0.103
Manufacturer Name	SKF
D _a max.	36 mm
Internal Clearance	C0-Medium
d _b min.	27 mm
d _a min.	20.7 mm
Bore Diameter (mm)	40
r _a max.	0.6 mm
Axial load factor Y	0.4
internal clearance:	C0
Outer Diameter (mm)	17
D _a - max.	36 mm
d _a - min.	20.7 mm
r _{3,4} min.	0.3 mm
d _b - min.	27 mm
Minimum Buy Quantity	N/A
r _{1,2} min.	0.6 mm
r _a - max.	0.6 mm
d ₁ ?	25 mm
static load capacity:	21.6 kN
D ₁ ?	32.35 mm
r _{3,4} - min.	0.3 mm
dynamic load capacity:	23.8 kN
r _{1,2} - min.	0.6 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 2203 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	27.5 kN
operating temperature	Maximum of +300 °F

range:	
Basic dynamic load rating - C	23.8 kN
Fatigue load limit P_u	2.65 kN
Calculation factor k_f	0.2
Fatigue load limit - P_u	2.6 kN
Calculation factor - k_f	0.2
Basic static load rating C_0	21.6 kN
Basic static load rating - C_0	21.6 kN