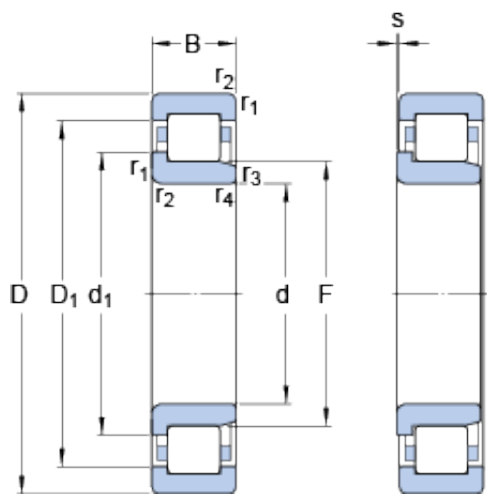




Bearing No. NJ 203 ECP

F	22.1 mm
d	17 mm
D	40 mm
B	12 mm
s	1 mm
Bore	0.669 Inch 17 Millimeter
Noun	Bearing
Width	0.472 Inch 12 Millimeter
UNSPSC	31171547
s max.	1 mm
Profile	Complete with Outer and Inner Ring
series:	NJ2
flanges:	(2) Outer Ring, (1) Inner Ring
Category	Cylindrical Roller Bearing
Retainer	Yes
Snap Ring	No
Separable	Inner Ring - One Side
Inventory	0.0
Size (mm)	40x17x12
bore type:	Straight
Width (mm)	12
Weight / LBS	0.162
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Bore Profile	Straight
maximum rpm:	22000 RPM

Mass bearing	0.069 kg
d ₁	25 mm
Product Group	B04144
closure type:	Open
Cage Material	Polymer
D ₁	32.35 mm
Inch - Metric	Metric
Bearing number	NJ 203 ECP
Relubricatable	Yes
fillet radius:	0.6 mm
cage material:	Polyamide
bore diameter:	17 mm
Other Features	High Capacity 1 Rib Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
overall width:	12 mm
Limiting speed	22000 r/min
Precision Class	RBEC 1 ISO P0
number of rows:	1
Reference speed	19000 r/min
finish/coating:	Uncoated
Rolling Element	Cylindrical Roller Bearing
Long Description	17MM Bore; Straight Bore Profile; 40MM Outside Diameter; 12MM Width; Polymer Cage Matetrial; RBEC 1 ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Inter
Limiting value e	0.2
Outside Diameter	1.575 Inch 40

	Millimeter
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
outer ring width:	12 mm
Weight / Kilogram	0.074
outside diameter:	40 mm
precision rating:	RBEC 1 (ISO Class Normal)
Manufacturer Name	SKF
d _a min.	20.7 mm
D _a max.	36 mm
d _a max.	21.1 mm
r _a max.	0.6 mm
d _b min.	27 mm
Bore Diameter (mm)	40
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	17
r _{1,2} min.	0.6 mm
r _a - max.	0.6 mm
d _b - min.	27 mm
r _{3,4} min.	0.6 mm
Minimum Buy Quantity	N/A
d _a - max.	21.1 mm
d _a - min.	20.7 mm
D _a - max.	36 mm
d ₁ ?	25 mm
D ₁ ?	32.35 mm
static load capacity:	14.3 kN
Harmonized Tariff Code	8482.50.00.00
dynamic load capacity:	17.2 kN
	0.6 mm

r _{1,2} - min.	
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$r_{3,4}$ - min.	0.6 mm
Manufacturer Item Number	NJ 203 ECP
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	20 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	17.2 kN
Fatigue load limit P_u	1.73 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	1.7 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	14.3 kN
Basic static load rating - C_0	14.3 kN