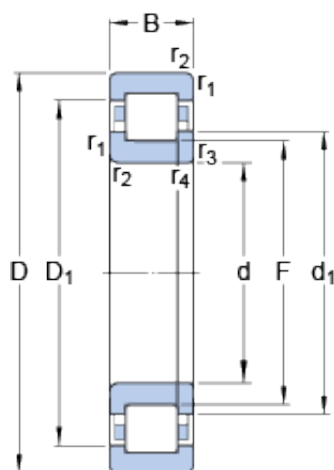




Bearing No. NUP 218 ECP

F	107 mm
D	160 mm
B	30 mm
d	90 mm
Noun	Bearing
Bore	3.543 Inch 90 Millimeter
Width	1.181 Inch 30 Millimeter
UNSPSC	31171547
series:	NUP2
Profile	Complete with Outer and Inner Ring
Retainer	Yes
flanges:	(4) Flanges, Two-Piece Inner Ring
Category	Cylindrical Roller Bearing
Separable	No
Size (mm)	160x90x30
Inventory	0.0
Snap Ring	No
Width (mm)	30
bore type:	Straight
Bore Profile	Straight
Mass bearing	2.44 kg
Weight / LBS	5.509
maximum rpm:	5000 RPM
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
closure type:	Open

Product Group	B04144
D ₁	138.45 mm
Cage Material	Polymer
Inch - Metric	Metric
d ₁	114 mm
overall width:	30 mm
cage material:	Polyamide
Other Features	High Capacity 1 Rib Inner Ring with Side Plate 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2 mm
bore diameter:	90 mm
Bearing number	NUP 218 ECP
Limiting speed	5000 r/min
finish/coating:	Uncoated
Reference speed	4500 r/min
number of rows:	1
Rolling Element	Cylindrical Roller Bearing
Precision Class	RBEC 1 ISO P0
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Limiting value e	0.2
Long Description	90MM Bore; Straight Bore Profile; 160MM Outside Diameter; 30MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Not Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; Re
Outside Diameter	6.299 Inch 160

	Millimeter
precision rating:	RBEC 1 (ISO Class Normal)
bearing material:	Steel
outer ring width:	30 mm
outside diameter:	160 mm
Weight / Kilogram	2.501
Manufacturer Name	SKF
Bore Diameter (mm)	160
d _b min.	117 mm
D _a max.	149 mm
r _a max.	2 mm
d _a min.	101 mm
Internal Clearance	C0-Medium
Axial load factor Y	0.6
internal clearance:	C0
Outer Diameter (mm)	90
d _a - min.	101 mm
D _a - max.	149 mm
Minimum Buy Quantity	N/A
r _a - max.	2 mm
r _{3,4} min.	2 mm
r _{1,2} min.	2 mm
d _b - min.	117 mm
d ₁ ?	114 mm
D ₁ ?	138.45 mm
static load capacity:	220 kN
dynamic load capacity:	208 kN
r _{1,2} - min.	2 mm
r _{3,4} - min.	2 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NUP 218 ECP

Number of Rows of Rollers	Single Row
Basic dynamic load rating C	208 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	208 kN
Fatigue load limit P_u	27 kN
Calculation factor k_r	0.15
Fatigue load limit - P_u	27 kN
Calculation factor - k_r	0.15
Basic static load rating C_0	220 kN
Basic static load rating - C_0	220 kN