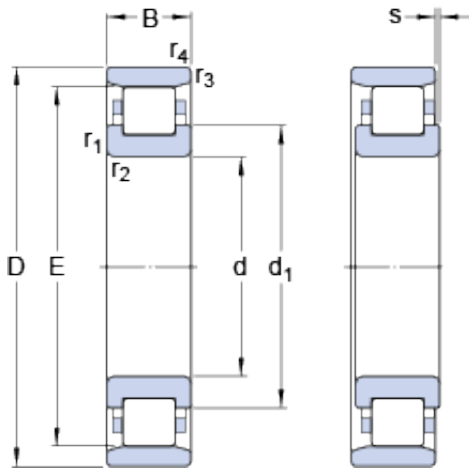




RAD Power Machinery Co., Ltd.



N 210 ECP Bearing 2D drawings and 3D CAD models

SKF N 210 ECP thrust ball bearings

Bearing No. N 210 ECP

Size	90x50x20 mm
Bore Diameter	90 mm
Outer Diameter	50 mm
Width	20 mm
d	50 mm
D	90 mm
B	20 mm
d ₁	64 mm
E	81.5 mm
r _{1,2} - min.	1.1 mm
r _{3,4} - min.	1.1 mm
s	1.5 mm
d _a - min.	57 mm
d _a - max.	79 mm
D _a - min.	83 mm
D _a - max.	84 mm
r _a - max.	1 mm
r _b - max.	1 mm
Basic dynamic load rating - C	73.5 kN
Basic static load rating - C ₀	69.5 kN
Fatigue load limit - P _u	8.8 kN
Reference speed	8500 r/min
Limiting speed	9000 r/min
Calculation factor - k _r	0.12
Category	Cylindrical Roller Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.497
EAN	7316577108098
Product Group	B04144
Bore Profile	Straight
Cage Material	Polymer
Precision Class	RBEC 1 ISO P0
Number of Rows of Rollers	Single Row
Separable	Outer 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 2 Rib Inner Ring Plain Outer Ring Cage on Inner Ring OD
Long Description	50MM Bore; Straight Bore Profile; 90MM Outside Diameter; 20MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com



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Manufacturer Item Number	N 210 ECP
Weight / LBS	1.094
Bore	1.969 Inch 50 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Width	0.787 Inch 20 Millimeter
bore diameter:	50 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	90 mm
maximum rpm:	9000 RPM
overall width:	20 mm
bearing material:	Steel
flanges:	(2) Inner 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:	20 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	73.5 kN
series:	N2
static load capacity:	69.5 kN
d ₁	64 mm
r _{1,2} min.	1.1 mm
r _{3,4} min.	1.1 mm



RAD Power Machinery Co., Ltd.

s max.	1.5 mm
d_a min.	57 mm
d_a max.	79 mm
D_a min.	83 mm
D_a max.	84 mm
r_a max.	1 mm
r_b max.	1 mm
Basic dynamic load rating C	73.5 kN
Basic static load rating C_0	69.5 kN
Fatigue load limit P_u	8.8 kN
Calculation factor k_r	0.12
Limiting value e	0.2
Axial load factor Y	0.6
Mass bearing	0.48 kg