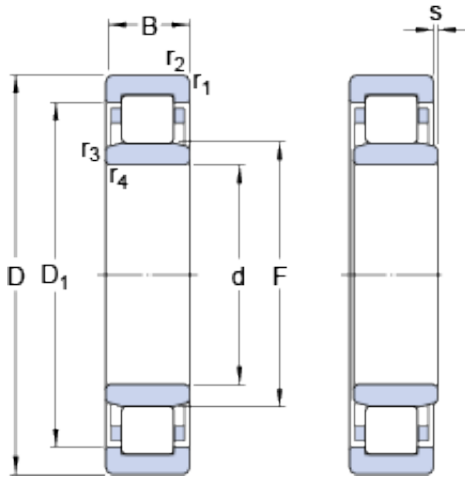




SAHH BEARING OF ENGLAND CORP.



35 mm x 80 mm x 31 mm 35 mm x 80 mm x 31 mm SKF NU 2307 ECP Belgium Bearing 35*80*31

Bearing No. NU 2307 ECP

NU 2307 ECP Bearing 2D drawings and 3D CAD models

Size	80x35x31 mm
Bore Diameter	80 mm
Outer Diameter	35 mm
Width	31 mm
d	35 mm
D	80 mm
B	31 mm
D ₁	65.8 mm
F	46.2 mm
r _{1,2} - min.	1.5 mm
r _{3,4} - min.	1.1 mm
s	2.7 mm
d _a - min.	42 mm
d _a - max.	44 mm
d _b - min.	48 mm
D _a - max.	72.2 mm
r _a - max.	1.5 mm
r _b - max.	1 mm
Basic dynamic load rating - C	106 kN
Basic static load rating - C ₀	98 kN
Fatigue load limit - P _u	12.7 kN
Reference speed	9500 r/min
Limiting speed	11000 r/min
Calculation factor - k _r	0.25



SAHH BEARING OF ENGLAND CORP.

Category	Cylindrical Roller Bearings
Inventory	11.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.739
EAN	7316577022486
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	35MM Bore; Straight Bore Profile; 80MM Outside Diameter; 31MM Width; Polymer Cage Material; RBEC 1 ISO P0; Single Row; Inner 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



SAHH BEARING OF ENGLAND CORP.

Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NU 2307 ECP
Weight / LBS	1.627
Bore	1.378 Inch 35 Millimeter
Width	1.22 Inch 31 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
bore diameter:	35 mm
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	80 mm
maximum rpm:	11000 RPM
overall width:	31 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:	31 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1.5 mm
dynamic load capacity:	106 kN
series:	NU23
static load capacity:	98 kN
D ₁	65.8 mm
r _{1,2} min.	1.5 mm



SAHH BEARING OF ENGLAND CORP.

$r_{3,4}$ min.	1.1 mm
s max.	2.7 mm
d_a min.	42 mm
d_a max.	44 mm
d_b min.	48 mm
D_a max.	72.2 mm
r_a max.	1.5 mm
r_b max.	1 mm
Basic dynamic load rating C	106 kN
Basic static load rating C_0	98 kN
Fatigue load limit P_u	12.7 kN
Calculation factor k_r	0.25
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	0.72 kg