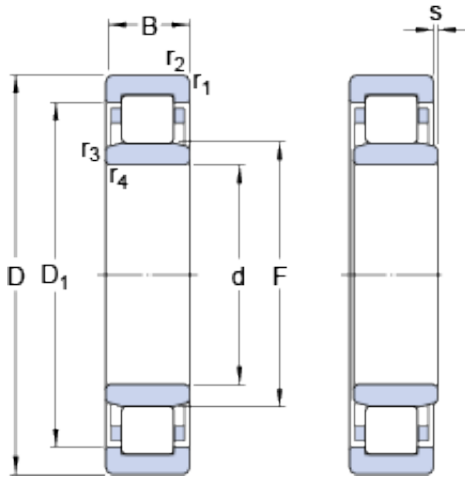




# SAHH BEARING OF ENGLAND CORP.



80 mm x 170 mm x 58 mm 80 mm x 170 mm x 58 mm SKF NU 2316 ECML Belgium Bearing 80 × 170 × 58

Bearing No. NU 2316 ECML

NU 2316 ECML Bearing 2D drawings and 3D CAD models

Size	170x80x58 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	58 mm
d	80 mm
D	170 mm
B	58 mm
D <sub>1</sub>	143.45 mm
F	101 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>3,4</sub> - min.	2.1 mm
s	5.1 mm
d <sub>a</sub> - min.	92 mm
d <sub>a</sub> - max.	98 mm
d <sub>b</sub> - min.	104 mm
D <sub>a</sub> - max.	157.8 mm
r <sub>a</sub> - max.	2 mm
r <sub>b</sub> - max.	2 mm
Basic dynamic load rating - C	415 kN
Basic static load rating - C <sub>0</sub>	440 kN
Fatigue load limit - P <sub>u</sub>	55 kN
Reference speed	4300 r/min
Limiting speed	7500 r/min



## SAHH BEARING OF ENGLAND CORP.

Calculation factor - $k_r$	0.38
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.692
EAN	7316570469073
Product Group	B04144
Bore Profile	Straight
Cage Material	Brass
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	80MM Bore; Straight Bore Profile; 170MM Outside Diameter; 58MM Width; Brass Cage Material; RBEC 1   ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Inte
Category	Cylindrical Roller Bearing
UNSPSC	31171547



## SAHH BEARING OF ENGLAND CORP.

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 2316 ECML
Weight / LBS	14.74
Outside Diameter	6.693 Inch   170 Millimeter
Width	2.283 Inch   58 Millimeter
Bore	3.15 Inch   80 Millimeter
bore diameter:	80 mm
static load capacity:	440 kN
outside diameter:	170 mm
precision rating:	Not Rated
overall width:	58 mm
maximum rpm:	5000 RPM
flanges:	(2) Outer Ring
bearing material:	Steel
bore type:	Straight
cage material:	Brass
number of rows:	1
finish/coating:	Uncoated
internal clearance:	C0
closure type:	Open
ring separation:	Separable Ring
outer ring width:	58 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	2 mm
dynamic load capacity:	415 kN
series:	NU23
D <sub>1</sub>	143.45 mm
r <sub>1,2</sub> min.	2.1 mm
r <sub>3,4</sub> min.	2.1 mm
s max.	5.1 mm



## SAHH BEARING OF ENGLAND CORP.

$d_a$ min.	92 mm
$d_a$ max.	98 mm
$d_b$ min.	104 mm
$D_a$ max.	157.8 mm
$r_a$ max.	2 mm
$r_b$ max.	2 mm
Basic dynamic load rating C	415 kN
Basic static load rating $C_0$	440 kN
Fatigue load limit $P_u$	55 kN
Calculation factor $k_r$	0.38
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	6.6 kg