



Bearing No. NU 232 ECML

D	290 mm
d	160 mm
B	48 mm
F	195 mm
s	2.7 mm
Bore	6.299 Inch 160 Millimeter
Noun	Bearing
Width	1.89 Inch 48 Millimeter
s max.	2.7 mm
UNSPSC	31171547
series:	NU2
Profile	Complete with Outer and Inner Ring
flanges:	(2) Outer Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Size (mm)	290x160x48
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
bore type:	Straight
Width (mm)	48
Bore Profile	Straight
Mass bearing	14.2 kg
application:	Piston Type Machines, Rolling Mills, Spindles/Machine Tools
Weight / LBS	31.879
maximum rpm:	2600 RPM
closure type:	Open

Inch - Metric	Metric
Product Group	B04144
Cage Material	Brass
D ₁	249.6 mm
bore diameter:	160 mm
overall width:	48 mm
cage material:	Brass
Other Features	High Capacity Plain Inner Ring 2 Rib Outer Ring Cage on Outer Ring ID
Relubricatable	Yes
fillet radius:	2.5 mm
Bearing number	NU 232 ECML
Limiting speed	4000 r/min
Rolling Element	Cylindrical Roller Bearing
number of rows:	1
Precision Class	RBEC 1 ISO P0
finish/coating:	Uncoated
Reference speed	2400 r/min
ring separation:	Separable Ring
Manufacturer URL	http://www.skf.com
Outside Diameter	11.417 Inch 290 Millimeter
Limiting value e	0.2
Long Description	160MM Bore; Straight Bore Profile; 290MM Outside Diameter; 48MM Width; Brass Cage Material; RBEC 1 ISO P0; Single Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C0-Medium Int

outer ring width:	48 mm
Manufacturer Name	SKF
Weight / Kilogram	14.473
bearing material:	Steel
precision rating:	RBEC 1 (ISO Class Normal)
outside diameter:	290 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	290
r_b max.	2.5 mm
d_a max.	191 mm
d_b min.	198 mm
D_a max.	274.2 mm
r_a max.	2.5 mm
d_a min.	175 mm
Outer Diameter (mm)	160
Axial load factor Y	0.6
internal clearance:	C0
$r_{3,4}$ min.	3 mm
$r_{1,2}$ min.	3 mm
d_a - min.	175 mm
r_a - max.	2.5 mm
Minimum Buy Quantity	N/A
r_b - max.	2.5 mm
d_a - max.	191 mm
d_b - min.	198 mm
D_a - max.	274.2 mm
static load capacity:	680 kN
D_1 ?	249.6 mm
$r_{3,4}$ - min.	3 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	3 mm
dynamic load capacity:	585 kN

Manufacturer Item Number	NU 232 ECML
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	585 kN
operating temperature range:	Maximum of +300 °F
Basic dynamic load rating - C	585 kN
Fatigue load limit P_u	72 kN
Calculation factor k_r	0.23
Fatigue load limit - P_u	72 kN
Calculation factor - k_r	0.23
Basic static load rating C_0	680 kN
Basic static load rating - C_0	680 kN