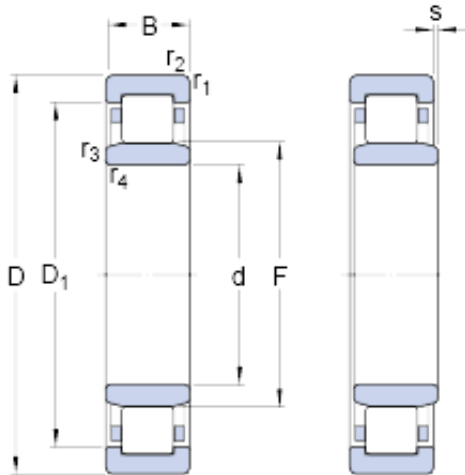




## BEARING-MALAYSIA SDN.BHD.



20 mm x 47 mm x 18 mm SKF NU 2204 ECP  
thrust ball bearings

Bearing No. NU 2204 ECP

NU 2204 ECP Bearing 2D drawings and 3D CAD models

Size	47x20x18 mm
Bore Diameter	47 mm
Outer Diameter	20 mm
Width	18 mm
d	20 mm
D	47 mm
B	18 mm
D <sub>1</sub>	38.3 mm
F	26.5 mm
r <sub>1,2</sub> - min.	1 mm
r <sub>3,4</sub> - min.	0.6 mm
s	2 mm
d <sub>a</sub> - min.	24 mm
d <sub>a</sub> - max.	25.4 mm
d <sub>b</sub> - min.	28 mm
D <sub>a</sub> - max.	41.7 mm
r <sub>a</sub> - max.	1 mm
r <sub>b</sub> - max.	0.6 mm
Basic dynamic load rating - C	34.5 kN
Basic static load rating - C <sub>0</sub>	27.5 kN
Fatigue load limit - P <sub>u</sub>	3.4 kN
Reference speed	16000 r/min
Limiting speed	19000 r/min
Calculation factor - k <sub>r</sub>	0.2



## BEARING-MALAYSIA SDN.BHD.

Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.147
EAN	7316577027832
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	20MM Bore; Straight Bore Profile; 47MM Outside Diameter; 18MM 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



## BEARING-MALAYSIA SDN.BHD.

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	NU 2204 ECP
Weight / LBS	0.323
Width	0.709 Inch   18 Millimeter
Bore	0.787 Inch   20 Millimeter
Outside Diameter	1.85 Inch   47 Millimeter
bore diameter:	20 mm
static load capacity:	27.5 kN
outside diameter:	47 mm
precision rating:	RBEC 1 (ISO Class Normal)
overall width:	18 mm
maximum rpm:	19000 RPM
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:	18 mm
operating temperature range:	Maximum of +300 ° F
fillet radius:	1 mm
dynamic load capacity:	29.7 kN
series:	NU22
D <sub>1</sub>	38.3 mm
r <sub>1,2</sub> min.	1 mm
r <sub>3,4</sub> min.	0.6 mm



## BEARING-MALAYSIA SDN.BHD.

s max.	2 mm
$d_a$ min.	24 mm
$d_a$ max.	25.4 mm
$d_b$ min.	28 mm
$D_a$ max.	41.7 mm
$r_a$ max.	1 mm
$r_b$ max.	0.6 mm
Basic dynamic load rating C	34.5 kN
Basic static load rating $C_0$	27.5 kN
Fatigue load limit $P_u$	3.45 kN
Calculation factor $k_r$	0.2
Limiting value e	0.3
Axial load factor Y	0.4
Mass bearing	0.14 kg