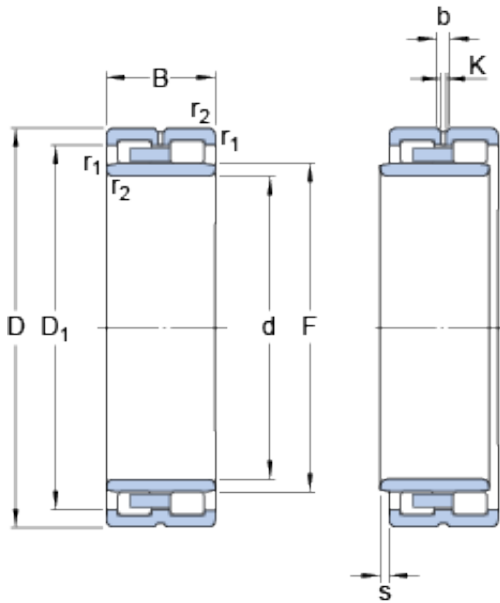




# KFY MANUFACTURING MEXICO LIMITED



NNU 4948 B/SPW33 Bearing 2D drawings and 3D CAD models

## 240 mm x 320 mm x 80 mm SKF NNU 4948 B/SPW33 cylindrical roller bearings

Bearing No. NNU 4948 B/SPW33

Size	240x320x80 mm
Bore Diameter	240 mm
Outer Diameter	320 mm
Width	80 mm
d	240 mm
D	320 mm
B	80 mm
D <sub>1</sub>	292.2 mm
F	265.3 mm
b	11.1 mm
K	3 mm
r <sub>1,2</sub> - min.	2.1 mm
r <sub>1,2</sub> - min.	2.1 mm
s	3.7 mm
d <sub>a</sub> - min.	251 mm
d <sub>a</sub> - max.	262 mm
d <sub>b</sub> - min.	269 mm
D <sub>a</sub> - max.	309 mm
r <sub>a</sub> - max.	2 mm
r <sub>a</sub> - max.	2 mm
d <sub>n</sub>	267 mm
Basic dynamic load rating - C	528 kN
Basic static load rating - C <sub>0</sub>	1220 kN
Fatigue load limit - P <sub>u</sub>	118 kN



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Limiting speed for grease lubrication	2200 r/min
Limiting speed for oil lubrication	2600 mm/min
G <sub>ref</sub>	171 cm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	18.69
Product Group	B04270
Bore Profile	Straight
Cage Material	Brass
Precision Class	Special Precision
Number of Rows of Rollers	Double Row
Separable	Inner Ring - Both Sides
Rolling Element	Cylindrical Roller Bearing
Profile	Complete with Outer and Inner Ring
Snap Ring	No
Internal Clearance	C1-Tight
Retainer	Yes
Relubricatable	Yes
Inch - Metric	Metric
Other Features	Plain Inner Ring   3 Rib Outer Ring   High Precision Bearing   Modified Internal Design   Cage on Outer Ring ID
Long Description	240MM Bore; Straight Bore Profile; 320MM Outside Diameter; 80MM Width; Brass Cage Material; Special Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring;



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	Relubricatable; C1-Tight In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
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	NNU 4948 B/SPW33
Weight / LBS	41.16
Bore	9.449 Inch   240 Millimeter
Outside Diameter	12.598 Inch   320 Millimeter
Width	3.15 Inch   80 Millimeter
$D_1$	292.2 mm
$r_{1,2}$ min.	2.1 mm
s max.	3.7 mm
$d_a$ min.	251 mm
$d_a$ max.	262 mm
$d_b$ min.	269 mm
$D_a$ max.	309 mm
$r_a$ max.	2 mm
$d_n$	267 mm
Basic dynamic load rating C	528 kN
Basic static load rating $C_0$	1220 kN
Fatigue load limit $P_u$	118 kN
Attainable speed for grease lubrication	2200 r/min
Attainable speed for oil-air lubrication	2600 r/min
Reference grease quantity $G_{ref}$	171 cm <sup>3</sup>
Static radial stiffness (guideline value)	6340 N/ $\mu$ m
Mass bearing	17.5 kg