



Bearing No. NNU 4952 BK/SPW33

b	13.9 mm
d	260 mm
D	360 mm
B	100 mm
F	292 mm
K	3 mm
s	4.5 mm
Noun	Bearing
Bore	10.236 Inch   260 Millimeter
Width	3.937 Inch   100 Millimeter
s max.	4.5 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Snap Ring	No
Inventory	0.0
Separable	Inner Ring - Both Sides
Size (mm)	260x360x100
Width (mm)	100
Mass bearing	30.5 kg
Weight / LBS	78.132
Bore Profile	Tapered
Inch - Metric	Metric
d <sub>n</sub>	294.5 mm
D <sub>1</sub>	325.6 mm
D <sub>1</sub>	325.6 mm

$d_n$	294.5 mm
Cage Material	Brass
Product Group	B04270
Relubricatable	Yes
Other Features	Plain Inner Ring   3 Rib Outer Ring   High Precision Bearing   Modified Internal Design   Cage on Outer Ring ID
Bearing number	NNU 4952 BK/SPW33
Precision Class	Special Precision
Rolling Element	Cylindrical Roller Bearing
$G_{ref}$	366 cm
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	260MM Bore; Tapered Bore Profile; 360MM Outside Diameter; 100MM Width; Brass Cage Material; Special Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight In
Outside Diameter	14.173 Inch   360 Millimeter
Weight / Kilogram	30.44
Manufacturer Name	SKF
Internal Clearance	C1-Tight
$d_a$ min.	271 mm
$D_a$ max.	349 mm
Bore Diameter (mm)	260
$d_a$ max.	288 mm
Outer Diameter (mm)	360
$d_a$ - max.	288 mm
	1.1 mm

r<sub>3,4</sub> min.

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$r_{1,2}$ - min.	2.1 mm
$d_a$ - min.	271 mm
$D_a$ - max.	349 mm
$r_a$ - max.	2 mm
Minimum Buy Quantity	N/A
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	2.1 mm
Manufacturer Item Number	NNU 4952 BK/SPW33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	748 kN
Basic dynamic load rating - C	748 kN
Fatigue load limit $P_u$	163 kN
Fatigue load limit - $P_u$	163 kN
Limiting speed for oil lubrication	2400 mm/min
Limiting speed for grease lubrication	2000 r/min
Basic static load rating $C_0$	1700 kN
Attainable speed for grease lubrication	2000 r/min
Basic static load rating - $C_0$	1700 kN
Attainable speed for oil-air lubrication	2400 r/min
Reference grease quantity $G_{ref}$	366 cm <sup>3</sup>
Static radial stiffness (guideline value)	6830 N/ $\mu$ m