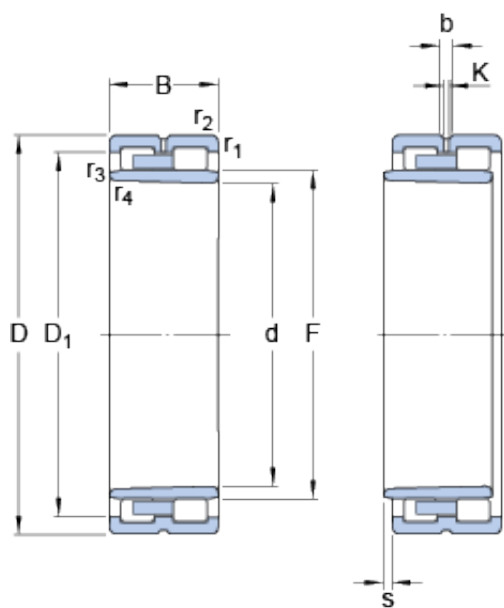




Bearing No. NNU 4944 BK/SPW33

b	11.1 mm
d	220 mm
D	300 mm
B	80 mm
F	245 mm
K	3 mm
s	3.7 mm
Noun	Bearing
Bore	8.661 Inch 220 Millimeter
Width	3.15 Inch 80 Millimeter
s max.	3.7 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)	220x300x80
Width (mm)	80
Mass bearing	16.5 kg
Weight / LBS	36.817
Bore Profile	Tapered
Inch - Metric	Metric
d _n	247 mm
D ₁	272.2 mm
D ₁	272.2 mm
d _n	247 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 4944 BK/SPW33
Precision Class	Special Precision
Rolling Element	Cylindrical Roller Bearing
G _{ref}	150 cm
Manufacturer URL	http://www.skf.com
Long Description	220MM Bore; Tapered Bore Profile; 300MM Outside Diameter; 80MM Width; Brass Cage Material; Special Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight Int
Outside Diameter	11.811 Inch 300 Millimeter
Weight / Kilogram	16.715
Manufacturer Name	SKF
Internal Clearance	C1-Tight
d _a min.	231 mm
D _a max.	289 mm
Bore Diameter (mm)	220
d _a max.	242 mm
Outer Diameter (mm)	300
d _a - max.	242 mm
r _{3,4} min.	1.1 mm

$r_{1,2}$ min.	2.1 mm
d_a - min.	231 mm
D_a - max.	289 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 4944 BK/SPW33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	512 kN
Basic dynamic load rating - C	512 kN
Fatigue load limit P_u	114 kN
Fatigue load limit - P_u	114 kN
Limiting speed for oil lubrication	2800 mm/min
Limiting speed for grease lubrication	2400 r/min
Basic static load rating C_0	1140 kN
Attainable speed for grease lubrication	2400 r/min
Basic static load rating - C_0	1140 kN
Attainable speed for oil-air lubrication	2800 r/min
Reference grease quantity G_{ref}	150 cm ³
Static radial stiffness (guideline value)	5990 N/ μ m