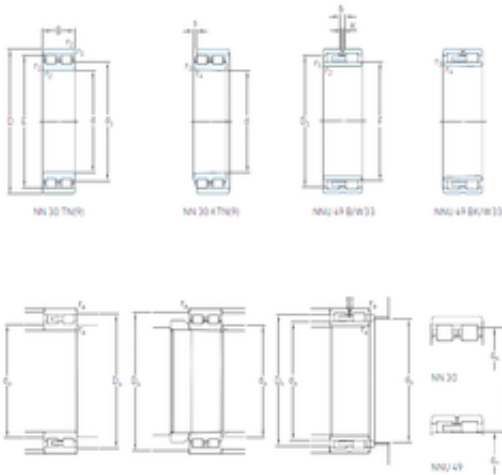




# San Driveshaft Co., Ltd.



## 100 mm x 140 mm x 40 mm SKF NNU 4920 BK/SPW33 High Accuracy Precision Bearings

Bearing No. NNU 4920 BK/SPW33

NNU 4920 BK/SPW33 Bearing 2D drawings and 3D CAD models

Size	100x140x40 mm
Bore Diameter	100 mm
Outer Diameter	140 mm
Width	40 mm
d	100 mm
D	140 mm
B	40 mm
C	40 mm
b	5,5 mm
r1 min.	1,1 mm
r2 min.	1,1 mm
r3 min.	0,6 mm
r4 min.	0,6 mm
D1	125,8 mm
F	113 mm
K	3 mm
da min.	106 mm
da max	111 mm
Da max.	133,5 mm
db min	116 mm
ra max.	1 mm
S	1,1 mm
dh	113,8 mm
Weight	1,9 Kg
Basic dynamic load rating (C)	128 kN



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Basic static load rating (C0)	255 kN
(Grease) Lubrication Speed	5 600 r/min
(Oil) Lubrication Speed	6 300 r/min
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.058
EAN	7316576611674
Product Group	B04270
Bore Profile	Tapered
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	100MM Bore; Tapered Bore Profile; 140MM Outside Diameter; 40MM Width; Brass Cage Material; Special Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight Int



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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 4920 BK/SPW33
Weight / LBS	4.533
Width	1.575 Inch   40 Millimeter
Outside Diameter	5.512 Inch   140 Millimeter
Bore	3.937 Inch   100 Millimeter
bore diameter:	100 mm
static load capacity:	255 kN
outside diameter:	140 mm
maximum rpm:	6300 rpm
overall width:	40 mm
bearing material:	Steel
flanges:	(2) Flanges on Outer Ring, (2) Flanges on Inner Ring
cage material:	Steel
bore type:	Tapered 1:12
finish/coating:	Uncoated
number of rows:	2
closure type:	Open
operating temperature range:	Maximum 302 ° F
series:	NNU
dynamic load capacity:	128 kN
manufacturer upc number:	7316576611674
D <sub>1</sub>	125.8 mm
r <sub>1,2</sub> min.	1.1 mm
r <sub>3,4</sub> min.	0.6 mm
s max.	1.1 mm
d <sub>a</sub> min.	106 mm



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$d_a$ max.	111 mm
$D_a$ max.	133.5 mm
$d_n$	113.8 mm
Basic dynamic load rating C	128 kN
Basic static load rating $C_0$	255 kN
Fatigue load limit $P_u$	29 kN
Attainable speed for grease lubrication	5600 r/min
Attainable speed for oil-air lubrication	6300 r/min
Reference grease quantity $G_{ref}$	13 cm <sup>3</sup>
Static radial stiffness (guideline value)	2950 N/ $\mu$ m
Mass bearing	1.9 kg