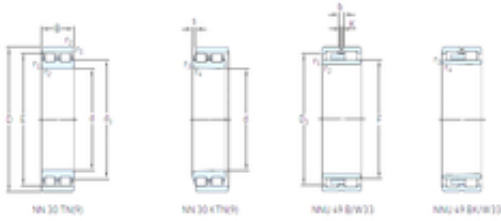


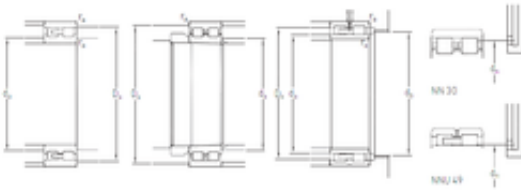


# MSD MANUFACTURING CO.,LTD.



120 mm x 165 mm x 45 mm skf NNU 4924 B/SPW33 Super-precision cylindrical roller bearings

Bearing No. NNU 4924 B/SPW33



NNU 4924 B/SPW33 Bearing 2D drawings and 3D CAD models

Size	120x165x45 mm
Bore Diameter	120 mm
Outer Diameter	165 mm
Width	45 mm
d	120 mm
D	165 mm
B	45 mm
C	45 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	150,5 mm
F	134,5 mm
K	3 mm
da min.	126 mm
da max	133 mm
Da max.	158,5 mm
db min	137 mm
ra max.	1 mm
S	1,1 mm
dh	136,8 mm
Weight	2,8 Kg
Basic dynamic load rating	176 kN



## MSD MANUFACTURING CO.,LTD.

(C)	
Basic static load rating (C0)	340 kN
(Grease) Lubrication Speed	4 800 r/min
(Oil) Lubrication Speed	5 300 r/min
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.095
EAN	7316577014825
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	120MM Bore; Straight Bore Profile; 165MM Outside Diameter; 45MM 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 4924 B/SPW33
Weight / LBS	6.823
Width	1.772 Inch   45 Millimeter
Bore	4.724 Inch   120 Millimeter
Outside Diameter	6.496 Inch   165 Millimeter
$D_1$	150.5 mm
$r_{1,2}$ min.	1.1 mm
s max.	1.1 mm
$d_a$ min.	126 mm
$d_a$ max.	133 mm
$d_b$ min.	137 mm
$D_a$ max.	158.5 mm
$r_a$ max.	1 mm
$d_n$	136.8 mm
Basic dynamic load rating C	176 kN
Basic static load rating $C_0$	340 kN
Fatigue load limit $P_u$	37.5 kN
Attainable speed for grease lubrication	4800 r/min
Attainable speed for oil-air lubrication	5300 r/min
Reference grease quantity $G_{ref}$	27 cm <sup>3</sup>
Static radial stiffness (guideline value)	3140 N/ $\mu$ m
Mass bearing	2.8 kg