



NNU 4940 B/SPW33 Bearing 2D drawings and 3D CAD models

200 mm x 280 mm x 80 mm skf NNU 4940 B/SPW33 Super-precision cylindrical roller bearings

Bearing No. NNU 4940 B/SPW33

Size	200x280x80 mm
Bore Diameter	200 mm
Outer Diameter	280 mm
Width	80 mm
d	200 mm
D	280 mm
B	80 mm
D ₁	252.2 mm
F	225 mm
b	11.1 mm
K	3 mm
r _{1,2} - min.	2.1 mm
r _{1,2} - min.	2.1 mm
s	3.7 mm
d _a - min.	211 mm
d _a - max.	222 mm
d _b - min.	228 mm
D _a - max.	269 mm
r _a - max.	2 mm
r _a - max.	2 mm
d _n	227 mm
Basic dynamic load rating - C	484 kN
Basic static load rating - C ₀	1040 kN



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Fatigue load limit - P _u	106 kN
Limiting speed for grease lubrication	2600 r/min
Limiting speed for oil lubrication	3000 mm/min
G _{ref}	117 cm
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	16.024
EAN	7316577014900
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	200MM Bore; Straight Bore Profile; 280MM Outside Diameter; 80MM Width; Brass Cage Matetrial; Special



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	Precision; Double Row; Inner Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight In
Category	Cylindrical Roller Bearing
UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NNU 4940 B/SPW33
Weight / LBS	35.296
Bore	7.874 Inch 200 Millimeter
Width	3.15 Inch 80 Millimeter
Outside Diameter	11.024 Inch 280 Millimeter
D_1	252.2 mm
$r_{1,2}$ min.	2.1 mm
s max.	3.7 mm
d_a min.	211 mm
d_a max.	222 mm
d_b min.	228 mm
D_a max.	269 mm
r_a max.	2 mm
d_n	227 mm
Basic dynamic load rating C	484 kN
Basic static load rating C_0	1040 kN
Fatigue load limit P_u	106 kN
Attainable speed for grease lubrication	2600 r/min
Attainable speed for oil-air lubrication	3000 r/min
Reference grease quantity G_{ref}	117 cm ³
Static radial stiffness (guideline value)	5480 N/ μ m



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Mass bearing	15 kg
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