



**45 mm x 75 mm x 23 mm SKF NN 3009
KTN/SP cylindrical roller bearings**

Bearing No. NN 3009 KTN/SP

NN 3009 KTN/SP Bearing 2D drawings and 3D CAD models

Size	45x75x23 mm
Bore Diameter	45 mm
Outer Diameter	75 mm
Width	23 mm
d	45 mm
D	75 mm
B	23 mm
d ₁	56.3 mm
E	67.5 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
s	1.5 mm
d _a - min.	50 mm
D _a - min.	69 mm
D _a - max.	70 mm
r _a - max.	1 mm
d _n	66.4 mm
Basic dynamic load rating - C	50.1 kN
Basic static load rating - C ₀	65.5 kN
Fatigue load limit - P _u	7.6 kN
Limiting speed for grease lubrication	12000 r/min
Limiting speed for oil lubrication	14000 mm/min
G _{ref}	2.4 cm



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Static radial stiffness (guideline value)	940 N/micron
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.4
EAN	7316576621918
Product Group	B04270
Bore Profile	Tapered
Cage Material	Polymer
Precision Class	Special Precision
Number of Rows of Rollers	Double Row
Separable	Outer 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	3 Rib Inner Ring Plain Outer Ring High Precision Bearing Cage on Inner Ring OD
Long Description	45MM Bore; Tapered Bore Profile; 75MM Outside Diameter; 23MM Width; Polymer Cage Material; Special Precision; Double Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight Int
Category	Cylindrical Roller Bearing



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UNSPSC	31171547
Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NN 3009 KTN/SP
Weight / LBS	0.88
Bore	1.772 Inch 45 Millimeter
Outside Diameter	2.953 Inch 75 Millimeter
Width	0.906 Inch 23 Millimeter
d_1	56.3 mm
$r_{1,2}$ min.	1 mm
$r_{3,4}$ min.	0.6 mm
s max.	1.5 mm
d_a min.	50 mm
D_a min.	69 mm
D_a max.	70 mm
d_n	66.4 mm
Basic dynamic load rating C	50.1 kN
Basic static load rating C_0	65.5 kN
Fatigue load limit P_u	7.65 kN
Attainable speed for grease lubrication	12000 r/min
Attainable speed for oil-air lubrication	14000 r/min
Reference grease quantity G_{ref}	2.4 cm ³
Mass bearing	0.38 kg