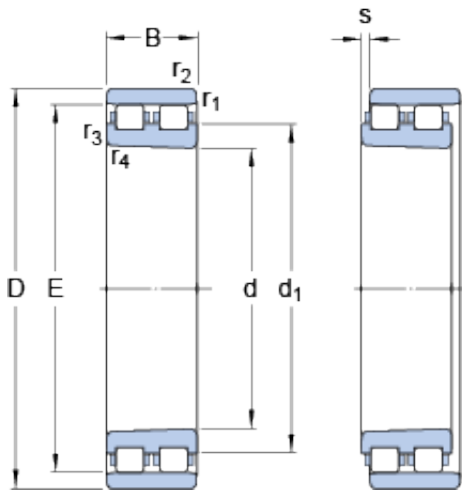




Stainless steel bearing equipment Co....



NN 3006 KTN/SP Bearing 2D drawings and 3D CAD models

30 mm x 55 mm x 19 mm SKF NN 3006 KTN/SP cylindrical roller bearings

Bearing No. NN 3006 KTN/SP

Size	30x55x19 mm
Bore Diameter	30 mm
Outer Diameter	55 mm
Width	19 mm
d	30 mm
D	55 mm
B	19 mm
d ₁	40.1 mm
E	48.5 mm
r _{1,2} - min.	1 mm
r _{3,4} - min.	0.6 mm
s	1.5 mm
d _a - min.	35 mm
D _a - min.	49 mm
D _a - max.	50 mm
r _a - max.	1 mm
d _n	47.6 mm
Basic dynamic load rating - C	30.8 kN
Basic static load rating - C ₀	37.5 kN
Fatigue load limit - P _u	4 kN
Limiting speed for grease lubrication	17000 r/min
Limiting speed for oil lubrication	19000 mm/min
G _{ref}	1 cm



Stainless steel bearing equipment Co....

Static radial stiffness (guideline value)	690 N/micron
Category	Cylindrical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.207
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	30MM Bore; Tapered Bore Profile; 55MM Outside Diameter; 19MM Width; Polymer Cage Material; Special Precision; Double Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight Int
Category	Cylindrical Roller Bearing
UNSPSC	31171547



Stainless steel bearing equipment Co....

Harmonized Tariff Code	8482.50.00.00
Noun	Bearing
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	NN 3006 KTN/SP
Weight / LBS	0.456
Outside Diameter	2.165 Inch 55 Millimeter
Width	0.748 Inch 19 Millimeter
Bore	1.181 Inch 30 Millimeter
bore diameter:	30 mm
static load capacity:	37.5 kN
outside diameter:	55 mm
precision rating:	Not Rated
overall width:	19 mm
maximum rpm:	18000 RPM
flanges:	(3) Inner Ring
bearing material:	Chrome Steel
bore type:	Straight
cage material:	Polyamide
number of rows:	2
finish/coating:	Uncoated
internal clearance:	C1
closure type:	Open
ring separation:	Separable Outer Ring
outer ring width:	19 mm
operating temperature range:	Maximum of +120 ° C
fillet radius:	1 mm
dynamic load capacity:	30.8 kN
series:	NN30
d ₁	40.1 mm
r _{1,2} min.	1 mm
r _{3,4} min.	0.6 mm
s max.	1.5 mm



Stainless steel bearing equipment Co....

d_a min.	35 mm
D_a min.	49 mm
D_a max.	50 mm
d_n	47.6 mm
Basic dynamic load rating C	30.8 kN
Basic static load rating C_0	37.5 kN
Fatigue load limit P_u	4 kN
Attainable speed for grease lubrication	17000 r/min
Attainable speed for oil-air lubrication	19000 r/min
Reference grease quantity G_{ref}	1 cm ³
Mass bearing	0.19 kg