



Bearing No. NN 3032 K/SPW33

b	8.5 mm
d	160 mm
D	240 mm
B	60 mm
E	219 mm
K	4.5 mm
s	2.5 mm
Noun	Bearing
Bore	6.299 Inch   160 Millimeter
Width	2.362 Inch   60 Millimeter
s max.	2.5 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Retainer	Yes
Category	Cylindrical Roller Bearing
Snap Ring	No
Separable	Outer Ring - Both Sides
Inventory	0.0
Size (mm)	160x240x60
Width (mm)	60
Mass bearing	8.8 kg
Weight / LBS	20.768
Bore Profile	Tapered
Inch - Metric	Metric
d <sub>n</sub>	214.4 mm
Product Group	B04270
d <sub>1</sub>	190 mm

d <sub>1</sub>	190 mm
d <sub>n</sub>	214.4 mm
Cage Material	Brass
Relubricatable	Yes
Other Features	3 Rib Inner Ring   Plain Outer Ring   High Precision Bearing   Cage on Inner Ring OD
Bearing number	NN 3032 K/SPW33
Precision Class	Special Precision
G <sub>ref</sub>	78 cm
Rolling Element	Cylindrical Roller Bearing
Outside Diameter	9.449 Inch   240 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	160MM Bore; Tapered Bore Profile; 240MM Outside Diameter; 60MM Width; Brass Cage Material; Special Precision; Double Row; Outer Ring - Both Sides Separable; No Snap Ring; Relubricatable; C1-Tight Int
Weight / Kilogram	9.429
Manufacturer Name	SKF
Internal Clearance	C1-Tight
Bore Diameter (mm)	160
D <sub>a</sub> max.	229 mm
D <sub>a</sub> min.	221 mm
d <sub>a</sub> min.	171 mm
Outer Diameter (mm)	240
D <sub>a</sub> - min.	221 mm
r <sub>a</sub> - max.	2 mm

$r_{3,4}$ min.	1.1 mm
$D_a$ - max.	229 mm
$r_{1,2}$ min.	2.1 mm
Minimum Buy Quantity	N/A
$d_a$ - min.	171 mm
$r_{1,2}$ - min.	2.1 mm
$r_{3,4}$ - min.	1.1 mm
Harmonized Tariff Code	8482.50.00.00
Manufacturer Item Number	NN 3032 K/SPW33
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	369 kN
Basic dynamic load rating - C	369 kN
Fatigue load limit $P_u$	69.5 kN
Fatigue load limit - $P_u$	69.5 kN
Limiting speed for oil lubrication	4000 mm/min
Limiting speed for grease lubrication	3600 r/min
Basic static load rating $C_0$	655 kN
Attainable speed for grease lubrication	3600 r/min
Basic static load rating - $C_0$	655 kN
Attainable speed for oil-air lubrication	4000 r/min
Static radial stiffness (guideline value)	3540 N/micron
Reference grease quantity $G_{ref}$	78 cm <sup>3</sup>