



Bearing No. NJG 2307 VH

D	80 mm
d	35 mm
B	31 mm
F	44.75 mm
s	2 mm
Noun	Bearing
Bore	1.378 Inch   35 Millimeter
Width	1.22 Inch   31 Millimeter
s max.	2 mm
UNSPSC	31171547
Profile	Complete with Outer and Inner Ring
Category	Cylindrical Roller Bearing
Retainer	No
Snap Ring	No
Size (mm)	80x35x31
Separable	Inner Ring - One Side
Inventory	0.0
Width (mm)	31
Mass bearing	0.75 kg
Weight / LBS	1.695
Bore Profile	Straight
Inch - Metric	Metric
Product Group	B04144
D <sub>1</sub>	65.8 mm
Cage Material	None
d <sub>1</sub>	50.4 mm
Relubricatable	Yes
Other Features	Full Complement   1 Rib

	Inner Ring   2 Rib Outer Ring
$d_{as}$	47.6 mm
Bearing number	NJG 2307 VH
Limiting speed	4300 r/min
$d_{as}$	47.6 mm
Precision Class	RBEC 1   ISO P0
Reference speed	3400 r/min
Rolling Element	Cylindrical Roller Bearing
Long Description	35MM Bore; Straight Bore Profile; 80MM Outside Diameter; 31MM Width; RBEC 1   ISO P0; Single Row; Inner Ring - One Side Separable; No Snap Ring; Relubricatable; C0-Medium Internal Clearance; No Retain
Outside Diameter	3.15 Inch   80 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0.769
Manufacturer Name	SKF
Bore Diameter (mm)	80
Internal Clearance	C0-Medium
$d_a$ min.	43 mm
$r_a$ max.	1.5 mm
$D_a$ max.	71 mm
$d_b$ max.	42 mm
Outer Diameter (mm)	35
$r_{1,2}$ min.	1.5 mm
$d_a$ - min.	43 mm
Calculation factor Y	0.4
$d_b$ - max.	42 mm

$D_a$ - max.	71 mm
$r_a$ - max.	1.5 mm
Calculation factor e	0.3
Minimum Buy Quantity	N/A
$d_1$ ?	50.4 mm
$D_1$ ?	65.8 mm
Calculation factor - e	0.3
Calculation factor - Y	0.4
Harmonized Tariff Code	8482.50.00.00
$r_{1,2}$ - min.	1.5 mm
Manufacturer Item Number	NJG 2307 VH
Number of Rows of Rollers	Single Row
Basic dynamic load rating C	108 kN
Basic dynamic load rating - C	108 kN
Fatigue load limit $P_u$	14.3 kN
Calculation factor $k_r$	0.35
Fatigue load limit - $P_u$	14.3 kN
Calculation factor - $k_r$	0.35
Basic static load rating $C_0$	114 kN
Basic static load rating - $C_0$	114 kN