



Bearing No. 24160 CCK30/W33

D	500 mm
d	300 mm
B	200 mm
b	13.9 mm
K	7.5 mm
Bore	11.811 Inch 300 Millimeter
Noun	Bearing
Width	7.874 Inch 200 Millimeter
UNSPSC	31171510
Category	Spherical Roller Bearing
Inventory	0.0
Size (mm)	500x300x200
Enclosure	Open
Width (mm)	200
Bore Profile	Tapered
Mass bearing	160 kg
Weight / LBS	359.574
Inch - Metric	Metric
Cage Material	Steel
D ₁	422 mm
d ₂	338 mm
Product Group	B04311
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Relubricatable	Yes
Keyword String	Spherical
Bearing number	24160 CCK30/W33

Limiting speed	800 r/min
Rolling Element	Spherical Roller Bearing
Reference speed	560 r/min
Mounting Method	Adapter Mount
Outside Diameter	19.685 Inch 500 Millimeter
Long Description	300MM Tapered Bore; 500MM Outside Diameter; 200MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Manufacturer URL	http://www.skf.com
Weight / Kilogram	163.247
Manufacturer Name	SKF
Withdrawal Sleeve	AH24160 AOH24160 (Specify bore)
r_a max.	4 mm
Internal Clearance	C0-Medium
D_a max.	480 mm
Bore Diameter (mm)	500
Outer Diameter (mm)	300
$r_{1,2}$ min.	5 mm
Calculation factor e	0.4
d_a - min.	311 mm
D_a - max.	480 mm
r_a - max.	4 mm
Minimum Buy Quantity	N/A
D_1 ?	422 mm
d_2 ?	338 mm
Harmonized Tariff Code	84823080

$r_{1,2}$ - min.	5 mm
Calculation factor - e	0.4
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	3876 kN
Basic dynamic load rating - C	3876 kN
Fatigue load limit P_u	465 kN
Calculation factor Y_0	1.6
Calculation factor Y_2	2.5
Calculation factor Y_1	1.7
Calculation factor - Y_1	1.7
Fatigue load limit - P_u	465 kN
Calculation factor - Y_2	2.5
Calculation factor - Y_0	1.6
Basic static load rating C_0	6300 kN
Basic static load rating - C_0	6300 kN