



Bearing No. 24160 CC/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	Straight
Mass bearing	160 kg
Weight / LBS	365.967
Inch - Metric	Metric
Cage Material	Steel
D ₁	422 mm
d ₂	338 mm
Product Group	B04311
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Keyword String	Spherical
Bearing number	24160 CC/W33
Limiting speed	800 r/min
Mounting Method	Shaft Mount

Reference speed	560 r/min
Rolling Element	Spherical Roller Bearing
Long Description	300MM Straight Bore; 500MM Outside Diameter; 200MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
Outside Diameter	19.685 Inch 500 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	166.149
Manufacturer Name	SKF
Withdrawal Sleeve	Not Applicable
r _a max.	4 mm
Internal Clearance	C0-Medium
D _a max.	480 mm
d _a min.	320 mm
Bore Diameter (mm)	500
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outer Diameter (mm)	300
Calculation factor e	0.4
r _{1,2} min.	5 mm
d _a - min.	320 mm
D _a - max.	480 mm
Minimum Buy Quantity	N/A
r _a - max.	4 mm
d ₂ ?	338 mm
D ₁ ?	422 mm
Harmonized Tariff Code	84823080
Calculation factor - e	0.4

$r_{1,2}$ - min.	5 mm
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_1	1.7
Calculation factor Y_2	2.5
Calculation factor Y_0	1.6
Fatigue load limit - P_u	465 kN
Calculation factor - Y_1	1.7
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