



Bearing No. 231/530 CA/W33

D	870 mm
d	530 mm
B	272 mm
b	22.3 mm
K	12 mm
Bore	20.866 Inch 530 Millimeter
Noun	Bearing
Width	10.709 Inch 272 Millimeter
UNSPSC	31171510
Category	Spherical Roller Bearing
Inventory	0.0
Size (mm)	870x530x272
Enclosure	Open
Width (mm)	272
Bore Profile	Straight
Mass bearing	645 kg
Weight / LBS	1,554.919
Inch - Metric	Metric
Cage Material	Bronze
D1	763 mm
d2	638 mm
Product Group	B04311
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Keyword String	Spherical
Bearing number	231/530 CA/W33
Limiting speed	670 r/min
Mounting Method	Shaft Mount

Reference speed	360 r/min
Rolling Element	Spherical Roller Bearing
Long Description	530MM Straight Bore; 870MM Outside Diameter; 272MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Outside Diameter	34.252 Inch 870 Millimeter
Manufacturer URL	http://www.skf.com
Weight / Kilogram	705.93
Manufacturer Name	SKF
Withdrawal Sleeve	Not Applicable
ra max.	6 mm
Internal Clearance	C0-Medium
Da max.	838 mm
da min.	562 mm
Bore Diameter (mm)	870
Outer Diameter (mm)	530
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Calculation factor e	0.3
r1,2 min.	7.5 mm
da - min.	562 mm
Da - max.	838 mm
Minimum Buy Quantity	N/A
ra - max.	6 mm
d2 ?	638 mm
D1 ?	763 mm
Harmonized Tariff Code	84823080
Calculation factor - e	0.3

r1,2 - min. Number of	7.5 mm
Rows of Rollers	Double Row
Basic dynamic load rating C	8526 kN
Basic dynamic load rating - C	8526 kN
Fatigue load limit Pu	880 kN
Calculation factor Y1	2.3
Calculation factor Y2	3.4
Calculation factor Y0	2.2
Fatigue load limit - Pu	880 kN
Calculation factor - Y1	2.3
Calculation factor - Y2	3.4
Calculation factor - Y0	2.2
Basic static load rating C0	14000 kN
Basic static load rating - C0	14000 kN