



NTN BEARINGS INDUSTRY



23056 CAC/W33 Bearing 2D drawings and 3D CAD models

280 mm x 420 mm x 106 mm SKF 23056
CAC/W33 Spherical Roller Bearings

Bearing No. 23056 CAC/W33

Category	Spherical Roller Bearings
Inventory	7.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	56.751
EAN	7316576655364
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Bronze
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	280MM Straight Bore; 420MM Outside Diameter; 106MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable
Category	Spherical Roller Bearing



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UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	125.002
D	16.535 Inch 420 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
B	4.173 Inch 106 Millimeter
d	11.024 Inch 280 Millimeter
bore diameter:	280 mm
maximum rpm:	1600 RPM
outside diameter:	420 mm
operating temperature range:	Maximum of +390 ° F
overall width:	106 mm
cage material:	Brass
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
cage type:	Inner Ring Guided
internal clearance:	C0
precision rating:	Not Rated
closure type:	Open
finish/coating:	Uncoated
lubrication hole type:	Lubrication Groove & Hole
outer ring width:	106 mm
dynamic load capacity:	1730 kN
fillet radius:	3 mm
static load capacity:	2850 kN
series:	230
d	280 mm



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D	420 mm
B	106 mm
d_2	326 mm
D_1	380 mm
b	16.7 mm
K	9 mm
$r_{1,2}$ min.	4 mm
d_a min.	295 mm
D_a max.	405 mm
r_a max.	3 mm
Basic dynamic load rating C	1747 kN
Basic static load rating C_0	2750 kN
Fatigue load limit P_u	216 kN
Reference speed	1300 r/min
Limiting speed	1600 r/min
Calculation factor e	0.23
Calculation factor Y_1	2.9
Calculation factor Y_2	4.4
Calculation factor Y_0	2.8
Mass bearing	52.5 kg