



Bearing No. 23088 CAK/W33

K	12 mm
d	440 mm
D	650 mm
B	157 mm
b	22.3 mm
Bore	17.323 Inch 440 Millimeter
Noun	Bearing
Width	6.181 Inch 157 Millimeter
UNSPSC	31171510
series:	230
Category	Spherical Roller Bearing
Inventory	0.0
Size (mm)	650x440x157
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	157
Weight / LBS	438.499
Mass bearing	175 kg
maximum rpm:	1000 RPM
Bore Profile	Tapered
closure type:	Open
D ₁	590 mm
d ₂	511 mm
Inch - Metric	Metric
Product Group	B04311
Cage Material	Bronze
bore diameter:	440 mm

Keyword String	Spherical
overall width:	157 mm
cage material:	Brass
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Withdrawal Nut	HM3092
Relubricatable	Yes
fillet radius:	5 mm
Bearing number	23088 CAK/W33
Limiting speed	1000 r/min
Rolling Element	Spherical Roller Bearing
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	560 r/min
Manufacturer URL	http://www.skf.com
outer ring type:	Not Split
Outside Diameter	25.591 Inch 650 Millimeter
Long Description	440MM Tapered Bore; 650MM Outside Diameter; 157MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Bronze Cage Material; Open Enclosure; Relubricatable; Adapter Part
bearing material:	Steel
Weight / Kilogram	199.079
outer ring width:	157 mm
outside diameter:	650 mm
Withdrawal Sleeve	AH3088 AOHX3088

	(Specify bore)
precision rating:	Not Rated
Manufacturer Name	SKF
r_a max.	5 mm
D_a max.	627 mm
Internal Clearance	C0-Medium
Bore Diameter (mm)	650
Outer Diameter (mm)	440
internal clearance:	C0
Minimum Buy Quantity	N/A
d_a - min.	453 mm
D_a - max.	627 mm
d_a - max.	511 mm
r_a - max.	5 mm
$r_{1,2}$ min.	6 mm
Calculation factor e	0.22
d_2 ?	511 mm
D_1 ?	590 mm
static load capacity:	6550 kN
dynamic load capacity:	3650 kN
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
$r_{1,2}$ - min.	6 mm
Calculation factor - e	0.22
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	3831 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	3831 kN
Fatigue load limit P_u	450 kN

Calculation factor Y_0	2.8
Adapter Part Number - Millimeter	H3088 (Specify bore)
Calculation factor Y_2	4.6
Calculation factor Y_1	3
Fatigue load limit - P_u	450 kN
Calculation factor - Y_1	3
Calculation factor - Y_2	4.6
Calculation factor - Y_0	2.8
Basic static load rating C_0	6550 kN
Basic static load rating - C_0	6550 kN