



Bearing No. 23040 CCK/W33

b	13.9 mm
d	200 mm
D	310 mm
B	82 mm
K	7.5 mm
Bore	7.874 Inch   200 Millimeter
Noun	Bearing
Width	3.228 Inch   82 Millimeter
UNSPSC	31171510
series:	230
Category	Spherical Roller Bearing
Inventory	0.0
Size (mm)	310x200x82
Enclosure	Open
cage type:	Inner Ring Guided
bore type:	Tapered 1:12
Width (mm)	82
Weight / LBS	47.931
Mass bearing	22.6 kg
maximum rpm:	2200 RPM
Bore Profile	Tapered
closure type:	Open
D <sub>1</sub>	278 mm
d <sub>2</sub>	228 mm
Inch - Metric	Metric
Product Group	B04311
Cage Material	Steel
bore diameter:	200 mm

Keyword String	Spherical
overall width:	82 mm
cage material:	Steel
Withdrawal Nut	HML43T
Relubricatable	Yes
fillet radius:	2 mm
Bearing number	23040 CCK/W33
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Limiting speed	2200 r/min
finish/coating:	Uncoated
Mounting Method	Adapter Mount
Reference speed	1800 r/min
Rolling Element	Spherical Roller Bearing
outer ring type:	Not Split
Long Description	200MM Tapered Bore; 310MM Outside Diameter; 82MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Outside Diameter	12.205 Inch   310 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
bearing material:	Steel
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	310 mm
outer ring width:	82 mm

Weight / Kilogram	21.761
Withdrawal Sleeve	AH3040 (Specify bore)
Bore Diameter (mm)	310
Internal Clearance	C0-Medium
D <sub>a</sub> max.	299 mm
r <sub>a</sub> max.	2 mm
Outer Diameter (mm)	200
Adapter Part Number	SNW3040 H3040 (Specify Bore) Inch   H3040 (Specify bore) Millimeter
internal clearance:	C0
r <sub>1,2</sub> min.	2.1 mm
Calculation factor e	0.24
Minimum Buy Quantity	N/A
d <sub>a</sub> - min.	207 mm
d <sub>a</sub> - max.	228 mm
r <sub>a</sub> - max.	2 mm
D <sub>a</sub> - max.	299 mm
static load capacity:	1530 kN
D <sub>1</sub> ?	278 mm
d <sub>2</sub> ?	228 mm
lubrication hole type:	Lubrication Groove & Hole
Calculation factor - e	0.24
r <sub>1,2</sub> - min.	2.1 mm
Harmonized Tariff Code	84823080
dynamic load capacity:	1000 kN
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	1058 kN
operating temperature range:	Maximum of +390 °F

Basic dynamic load rating - C	1058 kN
Fatigue load limit $P_u$	137 kN
Calculation factor $Y_1$	2.8
Calculation factor $Y_2$	4.2
Calculation factor $Y_0$	2.8
Fatigue load limit - $P_u$	137 kN
Calculation factor - $Y_1$	2.8
Calculation factor - $Y_2$	4.2
Calculation factor - $Y_0$	2.8
Basic static load rating $C_0$	1530 kN
Basic static load rating - $C_0$	1530 kN