



# FAG BEARING CORP.



90 mm x 160 mm x 52.4 mm SKF 23218  
CCK/W33 AUSTRIA Bearing 90 × 160 × 52.4

Bearing No. 23218 CCK/W33

23218 CCK/W33 Bearing 2D drawings and 3D CAD models

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	4.414
EAN	7316577029560
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Adapter Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Tapered
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	AH3218 (Specify bore)
Withdrawal Nut	KM20
Inch - Metric	Metric
Long Description	90MM Tapered Bore; 160MM Outside Diameter; 52MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part Nu
Other Features	Order adapter or



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	withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	9.722
B	2.063 Inch   52.4 Millimeter
Adapter Part Number	SNW118 H2318 HA2318 HE2318 (Specify Bore) Inch   H2318 (Specify bore) Millimeter
d	3.543 Inch   90 Millimeter
D	6.299 Inch   160 Millimeter
bore diameter:	90 mm
maximum rpm:	3800 RPM
outside diameter:	160 mm
operating temperature range:	Maximum of +390 ° F
overall width:	2.0625 in
cage material:	Steel
bore type:	Tapered 1:12
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:	52.4 mm



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dynamic load capacity:	355 kN
fillet radius:	2 mm
static load capacity:	440 kN
series:	232
d	90 mm
D	160 mm
B	52.4 mm
d <sub>2</sub>	106 mm
D <sub>1</sub>	137 mm
b	5.5 mm
K	3 mm
r <sub>1,2</sub> min.	2 mm
D <sub>a</sub> max.	149 mm
r <sub>a</sub> max.	2 mm
Basic dynamic load rating C	372 kN
Basic static load rating C <sub>0</sub>	440 kN
Fatigue load limit P <sub>u</sub>	48 kN
Reference speed	2800 r/min
Limiting speed	3800 r/min
Calculation factor e	0.31
Calculation factor Y <sub>1</sub>	2.2
Calculation factor Y <sub>2</sub>	3.3
Calculation factor Y <sub>0</sub>	2.2
Mass bearing	4.5 kg
Recommended lock nut tightening angle	150 °