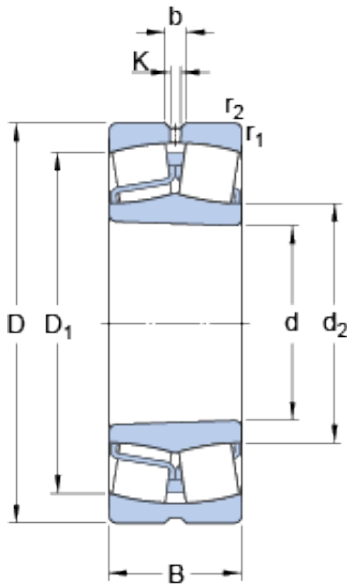




# PFG BEARING LIMITED

110 mm x 200 mm x 53 mm skf 22222 ek bearing

Bearing No. 22222 ek



22222 ek Bearing 2D drawings and 3D CAD models

Size	200x110x53 mm
Bore Diameter	200 mm
Outer Diameter	110 mm
Width	53 mm
d	110 mm
D	200 mm
B	53 mm
d <sub>2</sub>	130 mm
D <sub>1</sub>	178 mm
b	8.3 mm
K	4.5 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	118 mm
d <sub>a</sub> - max.	130 mm
D <sub>a</sub> - max.	188 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	572 kN
Basic static load rating - C <sub>0</sub>	640 kN
Fatigue load limit - P <sub>u</sub>	63 kN
Reference speed	3000 r/min
Limiting speed	4000 r/min
Calculation factor - e	0.25
Calculation factor - Y <sub>1</sub>	2.7
Calculation factor - Y <sub>2</sub>	4



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Calculation factor - $Y_0$	2.5
Category	Spherical Roller Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.989
EAN	7316571183855
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	AHX3122 (Specify bore)
Withdrawal Nut	KM24
Inch - Metric	Metric
Long Description	110MM Tapered Bore; 200MM Outside Diameter; 53MM Width; C0-Medium Clearance; Adapter Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable; Adapter Part N
Other Features	Order adapter or withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080



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Noun	Bearing
Keyword String	Spherical
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / LBS	15.395
Outside Diameter	7.874 Inch   200 Millimeter
Adapter Part Number	SNW22 H322 HA322 HE322 (Specify Bore) Inch   H322 (Specify bore) Millimeter
Bore	4.331 Inch   110 Millimeter
Width	2.087 Inch   53 Millimeter
bore diameter:	110 mm
maximum rpm:	4000 RPM
outside diameter:	200 mm
operating temperature range:	Maximum of +390 ° F
overall width:	53 mm
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:	53 mm
dynamic load capacity:	560 kN
fillet radius:	2 mm
static load capacity:	640 kN
series:	222
d <sub>2</sub>	130 mm



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$D_1$	178 mm
$r_{1,2}$ min.	2.1 mm
$D_a$ max.	188 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	572 kN
Basic static load rating $C_0$	640 kN
Fatigue load limit $P_u$	63 kN
Calculation factor e	0.25
Calculation factor $Y_1$	2.7
Calculation factor $Y_2$	4
Calculation factor $Y_0$	2.5
Mass bearing	6.85 kg