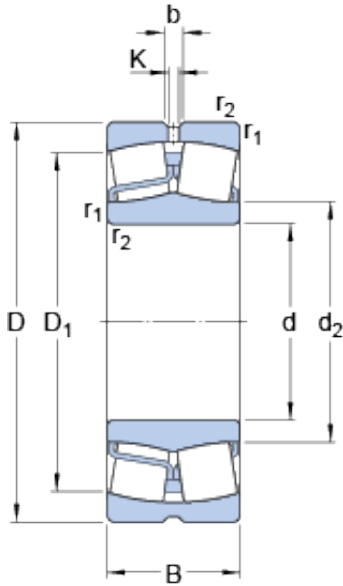




# BROWNING BEARING COMPANY

120 mm x 215 mm x 58 mm skf 22224 e bearing

Bearing No. 22224 e



22224 e Bearing 2D drawings and 3D CAD models

Size	215x120x58 mm
Bore Diameter	215 mm
Outer Diameter	120 mm
Width	58 mm
d	120 mm
D	215 mm
B	58 mm
d <sub>2</sub>	141 mm
D <sub>1</sub>	189 mm
b	11.1 mm
K	6 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	132 mm
D <sub>a</sub> - max.	203 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	652 kN
Basic static load rating - C <sub>0</sub>	765 kN
Fatigue load limit - P <sub>u</sub>	73.5 kN
Reference speed	2800 r/min
Limiting speed	3800 r/min
Calculation factor - e	0.26
Calculation factor - Y <sub>1</sub>	2.6
Calculation factor - Y <sub>2</sub>	3.9
Calculation factor - Y <sub>0</sub>	2.5



## BROWNING BEARING COMPANY

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	9.068
EAN	7316570617542
Product Group	B04311
Internal Clearance	C0-Medium
Mounting Method	Shaft Mount
Rolling Element	Spherical Roller Bearing
Bore Profile	Straight
Cage Material	Steel
Enclosure	Open
Number of Rows of Rollers	Double Row
Relubricatable	Yes
Withdrawal Sleeve	Not Applicable
Withdrawal Nut	Not Applicable
Inch - Metric	Metric
Long Description	120MM Straight Bore; 215MM Outside Diameter; 58MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
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	19.974
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter



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Outside Diameter	8.465 Inch   215 Millimeter
Width	2.283 Inch   58 Millimeter
Bore	4.724 Inch   120 Millimeter
bore diameter:	120 mm
maximum rpm:	3800 RPM
outside diameter:	215 mm
operating temperature range:	Maximum of +390 ° F
overall width:	58 mm
cage material:	Steel
bore type:	Straight
bearing material:	Steel
outer ring type:	Not Split
precision rating:	Not Rated
internal clearance:	C0
finish/coating:	Uncoated
closure type:	Open
outer ring width:	58 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	630 kN
series:	222
static load capacity:	765 kN
$d_2$	141 mm
$D_1$	189 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	132 mm
$D_a$ max.	203 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	652 kN
Basic static load rating $C_0$	765 kN
Fatigue load limit $P_u$	73.5 kN



## BROWNING BEARING COMPANY

Calculation factor e	0.26
Calculation factor $Y_1$	2.6
Calculation factor $Y_2$	3.9
Calculation factor $Y_0$	2.5
Mass bearing	8.7 kg