



### Bearing No. 22212 E

b	6 mm
K	3 mm
d	60 mm
D	110 mm
B	28 mm
Noun	Bearing
Bore	2.362 Inch   60 Millimeter
Width	1.102 Inch   28 Millimeter
UNSPSC	31171510
series:	222
Category	Spherical Roller Bearing
Size (mm)	110x60x28
Enclosure	Open
Inventory	0.0
bore type:	Straight
Width (mm)	28
cage type:	Inner Ring Guided
maximum rpm:	7500 RPM
Weight / LBS	2.586
Bore Profile	Straight
Mass bearing	1.15 kg
D <sub>1</sub>	96.5 mm
Cage Material	Steel
closure type:	Open
d <sub>2</sub>	72.7 mm
Product Group	B04311
Inch - Metric	Metric
fillet radius:	1.5 mm

cage material:	Steel
overall width:	28 mm
bore diameter:	60 mm
Keyword String	Spherical
Withdrawal Nut	Not Applicable
Relubricatable	Yes
Bearing number	22212 E
Limiting speed	7500 r/min
finish/coating:	Uncoated
Rolling Element	Spherical Roller Bearing
Mounting Method	Shaft Mount
Reference speed	5600 r/min
outer ring type:	Not Split
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	4.331 Inch   110 Millimeter
Long Description	60MM Straight Bore; 110MM Outside Diameter; 28MM Width; C0-Medium Clearance; Shaft Mount; Double Row of Spherical Roller Bearings; Steel Cage Material; Open Enclosure; Relubricatable
outside diameter:	110 mm
Weight / Kilogram	1.174
precision rating:	Not Rated
bearing material:	Steel
Withdrawal Sleeve	Not Applicable
outer ring width:	28 mm
Manufacturer Name	SKF
D <sub>a</sub> max.	101 mm
Bore Diameter (mm)	110

Internal Clearance	C0-Medium
$r_a$ max.	1.5 mm
$d_a$ min.	69 mm
Adapter Part Number	Not Applicable Inch   Not Applicable Millimeter
Outer Diameter (mm)	60
internal clearance:	C0
$r_{1,2}$ min.	1.5 mm
Minimum Buy Quantity	N/A
$d_a$ - min.	69 mm
$D_a$ - max.	101 mm
$r_a$ - max.	1.5 mm
Calculation factor e	0.24
$D_1$ ?	96.5 mm
$d_2$ ?	72.7 mm
static load capacity:	166 kN
Calculation factor - e	0.24
dynamic load capacity:	156 kN
$r_{1,2}$ - min.	1.5 mm
lubrication hole type:	Lubrication Groove & Hole
Harmonized Tariff Code	84823080
Number of Rows of Rollers	Double Row
Basic dynamic load rating C	159 kN
operating temperature range:	Maximum of +390 °F
Basic dynamic load rating - C	159 kN
Calculation factor $Y_1$	2.8
Fatigue load limit $P_u$	18.6 kN
Calculation factor $Y_2$	4.2
Calculation factor $Y_0$	2.8

Calculation factor - $Y_1$	2.8
Calculation factor - $Y_2$	4.2
Calculation factor - $Y_0$	2.8
Fatigue load limit - $P_u$	18 kN
Basic static load rating $C_0$	166 kN
Basic static load rating - $C_0$	163 kN