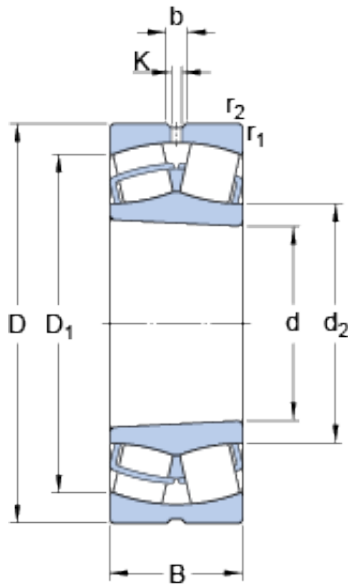




EYA Bearing Roller Industry Co.,Ltd



22212 EK Bearing 2D drawings and 3D CAD models

SKF 22212 EK spherical roller bearings

Bearing No. 22212 EK

Size	110x60x28 mm
Bore Diameter	110 mm
Outer Diameter	60 mm
Width	28 mm
d	60 mm
D	110 mm
B	28 mm
d ₂	72.7 mm
D ₁	96.5 mm
b	6 mm
K	3 mm
r _{1,2} - min.	1.5 mm
d _a - min.	67.2 mm
d _a - max.	72 mm
D _a - max.	101 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	159 kN
Basic static load rating - C ₀	163 kN
Fatigue load limit - P _u	18 kN
Reference speed	5600 r/min
Limiting speed	7500 r/min
Calculation factor - e	0.24
Calculation factor - Y ₁	2.8
Calculation factor - Y ₂	4.2
Calculation factor - Y ₀	2.8



EYA Bearing Roller Industry Co.,Ltd

Category	Spherical Roller Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.14
EAN	7316576652226
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	AHX312 (Specify bore)
Withdrawal Nut	KM14
Inch - Metric	Metric
Long Description	60MM Tapered Bore; 110MM Outside Diameter; 28MM 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 withdrawal sleeve or nut separately. Others may be available
Category	Spherical Roller Bearing
UNSPSC	31171510
Harmonized Tariff Code	84823080
Noun	Bearing



EYA Bearing Roller Industry Co.,Ltd

Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	2.516
Adapter Part Number	SNW12 H312 HA312 HE312 HS312 (Specify Bore) Inch H312 (Specify bore) Millimeter
Width	1.102 Inch 28 Millimeter
Outside Diameter	4.331 Inch 110 Millimeter
Bore	2.362 Inch 60 Millimeter
bore diameter:	60 mm
maximum rpm:	7500 RPM
outside diameter:	110 mm
operating temperature range:	Maximum of +390 ° F
overall width:	4.3800 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:	28 mm
dynamic load capacity:	156 kN
fillet radius:	1.5 mm
static load capacity:	166 kN
series:	222
d ₂	72.7 mm
D ₁	96.5 mm



EYA Bearing Roller Industry Co.,Ltd

$r_{1,2}$ min.	1.5 mm
D_a max.	101 mm
r_a max.	1.5 mm
Basic dynamic load rating C	159 kN
Basic static load rating C_0	166 kN
Fatigue load limit P_u	18.6 kN
Calculation factor e	0.24
Calculation factor Y_1	2.8
Calculation factor Y_2	4.2
Calculation factor Y_0	2.8
Mass bearing	1.15 kg
Recommended lock nut tightening angle	115 °