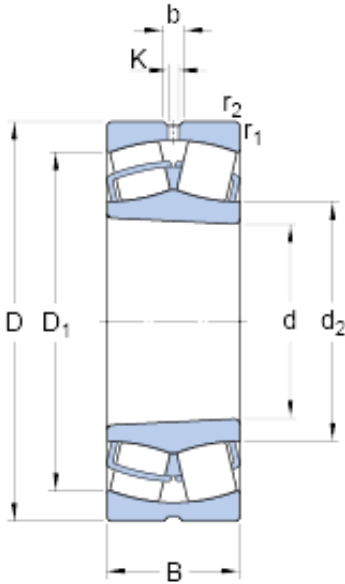




Bearing company

55 mm x 100 mm x 25 mm skf 22211 ek bearing



22211 ek Bearing 2D drawings and 3D CAD models

Bearing No. 22211 ek

Size	100x55x25 mm
Bore Diameter	100 mm
Outer Diameter	55 mm
Width	25 mm
d	55 mm
D	100 mm
B	25 mm
d ₂	65.3 mm
D ₁	88 mm
b	6 mm
K	3 mm
r _{1,2} - min.	1.5 mm
d _a - min.	62.2 mm
d _a - max.	65 mm
D _a - max.	91 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	129 kN
Basic static load rating - C ₀	127 kN
Fatigue load limit - P _u	14 kN
Reference speed	6300 r/min
Limiting speed	8500 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



Bearing company

Category	Spherical Roller Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.827
EAN	7316576652165
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	AHX311 (Specify bore)
Withdrawal Nut	KM12
Inch - Metric	Metric
Long Description	55MM Tapered Bore; 100MM Outside Diameter; 25MM 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



Bearing company

Keyword String	Spherical
Manufacturer URL	http://www.skf.com
Weight / LBS	1.833
Adapter Part Number	SNW11 H311 HA311 HE311 (Specify Bore) Inch H311 (Specify bore) Millimeter
Width	0.984 Inch 25 Millimeter
Bore	2.165 Inch 55 Millimeter
Outside Diameter	3.937 Inch 100 Millimeter
bore diameter:	55 mm
maximum rpm:	8500 RPM
outside diameter:	100 mm
operating temperature range:	Maximum of +390 ° F
overall width:	25 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:	25 mm
dynamic load capacity:	125 kN
fillet radius:	1.5 mm
static load capacity:	127 kN
series:	222
d ₂	65.3 mm
D ₁	88 mm



Bearing company

$r_{1,2}$ min.	1.5 mm
D_a max.	91 mm
r_a max.	1.5 mm
Basic dynamic load rating C	129 kN
Basic static load rating C_0	127 kN
Fatigue load limit P_u	13.7 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	0.82 kg
Recommended lock nut tightening angle	115 °