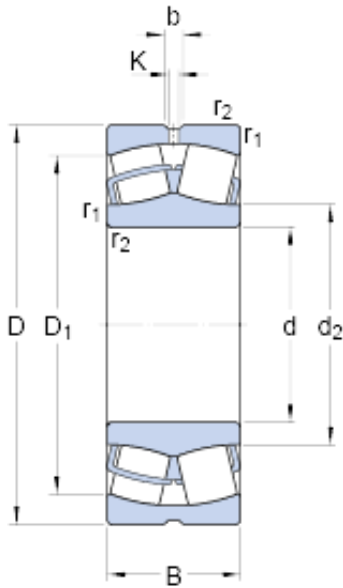




Zaozhuang Yiding Bearing Co., Ltd.



22312 E Bearing 2D drawings and 3D CAD models

60 mm x 130 mm x 46 mm SKF 22312 E tapered roller bearings

Bearing No. 22312 E

Size	130x60x46 mm
Bore Diameter	130 mm
Outer Diameter	60 mm
Width	46 mm
d	60 mm
D	130 mm
B	46 mm
d ₂	77.9 mm
D ₁	110 mm
b	8.3 mm
K	4.5 mm
r _{1,2} - min.	2.1 mm
d _a - min.	72 mm
D _a - max.	118 mm
r _a - max.	2 mm
Basic dynamic load rating - C	325 kN
Basic static load rating - C ₀	335 kN
Fatigue load limit - P _u	36 kN
Reference speed	4000 r/min
Limiting speed	5300 r/min
Calculation factor - e	0.35
Calculation factor - Y ₁	1.9
Calculation factor - Y ₂	2.9
Calculation factor - Y ₀	1.8



Zaozhuang Yiding Bearing Co., Ltd.

Category	Spherical Roller Bearings
Inventory	6.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.97
EAN	7316576653735
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	60MM Straight Bore; 130MM Outside Diameter; 46MM 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	http://www.skf.com
Weight / LBS	6.541
Bore	2.362 Inch 60 Millimeter



Zaozhuang Yiding Bearing Co., Ltd.

Width	1.811 Inch 46 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
Outside Diameter	5.118 Inch 130 Millimeter
bore diameter:	60 mm
maximum rpm:	5300 RPM
outside diameter:	130 mm
operating temperature range:	Maximum of +390 ° F
overall width:	46 mm
cage material:	Steel
bore type:	Straight
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:	46 mm
dynamic load capacity:	310 kN
fillet radius:	2 mm
static load capacity:	335 kN
series:	223
d_2	77.9 mm
D_1	110 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	72 mm
D_a max.	118 mm
r_a max.	2 mm
Basic dynamic load rating C	325 kN
Basic static load rating C_0	335 kN



Zaozhuang Yiding Bearing Co., Ltd.

Fatigue load limit P_u	36 kN
Calculation factor e	0.35
Calculation factor Y_1	1.9
Calculation factor Y_2	2.9
Calculation factor Y_0	1.8
Mass bearing	3.1 kg