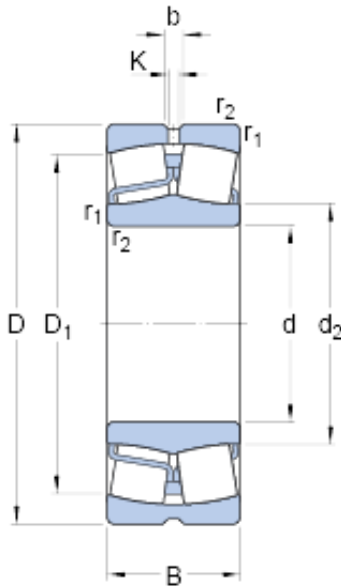




SIGMA BEARINGS EXPORTED LTD

70 mm x 150 mm x 35 mm SKF 21314 E
spherical roller bearings



21314 E Bearing 2D drawings and 3D CAD models

Bearing No. 21314 E

Size	150x70x35 mm
Bore Diameter	150 mm
Outer Diameter	70 mm
Width	35 mm
d	70 mm
D	150 mm
B	35 mm
d ₂	101 mm
D ₁	133 mm
b	6 mm
K	3 mm
r _{1,2} - min.	2.1 mm
d _a - min.	82 mm
D _a - max.	138 mm
r _a - max.	2 mm
Basic dynamic load rating - C	291 kN
Basic static load rating - C ₀	325 kN
Fatigue load limit - P _u	34.5 kN
Reference speed	4000 r/min
Limiting speed	5600 r/min
Calculation factor - e	0.22
Calculation factor - Y ₁	3
Calculation factor - Y ₂	4.6
Calculation factor - Y ₀	2.8



SIGMA BEARINGS EXPORTED LTD

Category	Spherical Roller Bearings
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.173
EAN	7316577664358
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	70MM Straight Bore; 150MM Outside Diameter; 35MM 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	6.979
Bore	2.756 Inch 70 Millimeter



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Outside Diameter	5.906 Inch 150 Millimeter
Width	1.378 Inch 35 Millimeter
Adapter Part Number	Not Applicable Inch Not Applicable Millimeter
bore diameter:	70 mm
maximum rpm:	5600 RPM
outside diameter:	150 mm
operating temperature range:	Maximum of +390 ° F
overall width:	35 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:	35 mm
lubrication hole type:	Lubrication Groove & Hole
fillet radius:	2 mm
dynamic load capacity:	285 kN
series:	213
static load capacity:	325 kN
d_2	101 mm
D_1	133 mm
$r_{1,2}$ min.	2.1 mm
d_a min.	82 mm
D_a max.	138 mm
r_a max.	2 mm
Basic dynamic load rating C	291 kN
Basic static load rating C_0	325 kN
Fatigue load limit P_u	34.5 kN



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Calculation factor e	0.22
Calculation factor Y_1	3
Calculation factor Y_2	4.6
Calculation factor Y_0	2.8
Mass bearing	3.1 kg