



Bearing No. 2207 EKTN9

Size	72x35x23 mm
Bore Diameter	72 mm
Outer Diameter	35 mm
Width	23 mm
d	35 mm
D	72 mm
B	23 mm
d ₁	45.3 mm
D ₁	62.9 mm
r _{1,2} - min.	1.1 mm
D _a - max.	65 mm
r _a - max.	1.1 mm
Basic dynamic load rating - C	30.2 kN
Basic static load rating - C ₀	8.8 kN
Fatigue load limit - P _u	0.46 kN
Reference speed	18000 r/min
Limiting speed	12000 r/min
Calculation factor - k _r	0.045
Calculation factor - e	0.31
Calculation factor - Y ₀	2.2
Calculation factor - Y ₁	2
Calculation factor - Y ₂	3.1
Category	Self Aligning Ball Bearings
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.4

EAN	7316576624070
Product Group - BDI	B00152
Mounting Method	Tapered Adapter
Enclosure	Open
Rolling Element	Ball Bearing
Adapter Sleeve	H-307
Cage Material	Polyamide
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg High Capacity Design 1:12 Taper
Long Description	35MM Bore; Tapered Adapter Mount; 72MM Outside Diameter; 23MM Inner Race Width; 23MM Outer Race Width; Open; Polyamide Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category - BDI	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	2207 EKTN9
Weight / LBS	0.882
Outside Diameter	2.835 Inch 72 Millimeter

Outer Race Width	0.906 Inch 23 Millimeter
Inner Race Width	0.906 Inch 23 Millimeter
Bore	1.378 Inch 35 Millimeter
precision rating:	Not Rated
bore diameter:	35 mm
outside diameter:	72 mm
maximum rpm:	12000 RPM
overall width:	23 mm
cage material:	Fiberglass Reinforced Nylon
bore type:	Tapered 1:12
finish/coating:	Uncoated
closure type:	Open
maximum misalignment:	2.5 °
internal clearance:	C3
outer ring width:	23 mm
dynamic load capacity:	30.2 kN
fillet radius:	1.1 mm
static load capacity:	8.8 kN
series:	2200
d_1 ?	45.3 mm
D_1 ?	62.9 mm
$r_{1,2}$ min.	1.1 mm
D_a max.	65 mm
r_a max.	1.1 mm
Basic dynamic load rating C	30.2 kN
Basic static load rating C_0	8.8 kN
Fatigue load limit P_u	0.455 kN
Permissible angular	2.5 °

misalignment ?	
Calculation factor k_r	0.045
Calculation factor e	0.31
Calculation factor Y_0	2.2
Calculation factor Y_1	2
Calculation factor Y_2	3.1
Mass bearing	0.4 kg