



Shandong Xiangyang Bearing Co., Ltd



1207 EM Bearing 2D drawings and 3D CAD models

35 mm x 72 mm x 17 mm SKF 1207 EM 1207 EM

Bearing No. 1207 EM

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0
Product Group	B00152
Mounting Method	Shaft
Enclosure	Open
Rolling Element	Ball Bearing
Cage Material	Brass
Precision Class	ABEC 1 ISO P0
Internal Clearance	C0-Medium
Number of Rows of Balls	Double Row
Other Features	Allowable Misalignment 2.5 Deg
Long Description	35MM Bore; Shaft Mount; 72MM Outside Diameter; 17MM Inner Race Width; 17MM Outer Race Width; Open; Brass Cage; Double Row of Balls; ABEC 1 ISO P0; C0-Medium
Inch - Metric	Metric
Category	Self Aligning Ball Bearings
UNSPSC	31171532
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Self Aligning



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Manufacturer URL	http://www.skf.com
Inner Race Width	0.669 Inch 17 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
d	1.378 Inch 35 Millimeter
D	2.835 Inch 72 Millimeter
d	35 mm
D	72 mm
B	17 mm
d ₁	47 mm
D ₁	60.9 mm
r _{1,2} min.	1.1 mm
d _a min.	42 mm
D _a max.	65 mm
r _a max.	1.1 mm
Basic dynamic load rating C	19 kN
Basic static load rating C ₀	6 kN
Fatigue load limit P _u	0.31 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Permissible angular misalignment	2.5 °
Calculation factor k _r	0.04
Calculation factor e	0.23
Calculation factor Y ₀	2.8
Calculation factor Y ₁	2.7
Calculation factor Y ₂	4.2
Mass bearing	0.34 kg