



# BEARING ITALIA S.P.A



1206 EM Bearing 2D drawings and 3D CAD models

30 mm x 62 mm x 16 mm skf 1206 EM Self-aligning ball bearings

Bearing No. 1206 EM

Category	Self Aligning Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.24
EAN	7316570801910
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   High Capacity Design
Long Description	30MM Bore; Shaft Mount; 62MM Outside Diameter; 16MM Inner Race Width; 16MM 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



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Keyword String	Self Aligning
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	1206 EM
Weight / LBS	0.529
Outer Race Width	0.63 Inch   16 Millimeter
D	2.441 Inch   62 Millimeter
Inner Race Width	0.63 Inch   16 Millimeter
d	1.181 Inch   30 Millimeter
d	30 mm
D	62 mm
B	16 mm
d <sub>1</sub>	40.3 mm
D <sub>1</sub>	51.9 mm
r <sub>1,2</sub> min.	1 mm
d <sub>a</sub> min.	35.6 mm
D <sub>a</sub> max.	56.4 mm
r <sub>a</sub> max.	1 mm
Basic dynamic load rating C	15.6 kN
Basic static load rating C <sub>0</sub>	4.65 kN
Fatigue load limit P <sub>u</sub>	0.24 kN
Reference speed	24000 r/min
Limiting speed	15000 r/min
Permissible angular misalignment	2.5 °
Calculation factor k <sub>r</sub>	0.04
Calculation factor e	0.25
Calculation factor Y <sub>0</sub>	2.5
Calculation factor Y <sub>1</sub>	2.5
Calculation factor Y <sub>2</sub>	3.9
Mass bearing	0.24 kg