



**Bearing No. GEG 100 ES**

D	150 mm
d	100 mm
B	100 mm
C	55 mm
b	11.3 mm
M	5 mm
?	4 °
Noun	Bearing
Bore	3.937 Inch   100 Millimeter
UNSPSC	31171515
?	4 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	150x100x100
Keyword 3	Spherical
Enclosure	Open
Lubricant	Regular relubrication – grease
Width (mm)	100
Weight / LBS	10.582
d <sub>k</sub>	130 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b <sub>1</sub>	11.3 mm
d <sub>k</sub>	130 mm
d <sub>1</sub>	113 mm
closure type:	Open
b <sub>1</sub>	11.3 mm

Overall Width	3.937 Inch   100 Millimeter
Housing Width	2.165 Inch   55 Millimeter
bearing type:	Radial
Keyword String	Plain Spherical Radial
bore diameter:	100 mm
Other Features	2 Piece   Extended Inner Ring on Both Sides   Lubrication Hole and an Annular Groove in Both Rings
overall width:	100 mm
Relubricatable	Yes
Bearing number	GEG 100 ES
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	100MM Bore; 55MM Housing Width; 150MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 100MM Overall Width; Relubricatable
Sealing solution	-
Outside Diameter	5.906 Inch   150 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
outer ring width:	55 mm
inner ring width:	100 mm
lubrication type:	Requires Lubrication
outside diameter:	150 mm
Weight / Kilogram	4.8
Manufacturer Name	SKF

d <sub>a</sub> max.	113 mm
D <sub>a</sub> min.	123.5 mm
r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	1 mm
D <sub>a</sub> max.	143.2 mm
Bore Diameter (mm)	150
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
d <sub>a</sub> min.	110.1 mm
Mass plain bearing	4.71 kg
misalignment angle:	4 °
Outer Diameter (mm)	100
outer ring material:	Chrome Steel
Minimum Buy Quantity	N/A
D <sub>a</sub> - min.	123.5 mm
r <sub>1</sub> - min.	1 mm
r <sub>b</sub> - max.	1 mm
r <sub>2</sub> - min.	1 mm
d <sub>a</sub> - max.	113 mm
inner ring material:	Chrome Steel
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	143.2 mm
d <sub>a</sub> - min.	110.1 mm
d <sub>1</sub> ?	113 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEG 100 ES
Constant - K <sub>M</sub>	330
manufacturer upc number:	7316577107022
Basic dynamic load rating C	610 kN

operating temperature range:	-50 to +200 °C °F
radial static load capacity:	3050 kN
Basic dynamic load rating - C	610 kN
radial dynamic load capacity:	610 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Material constant $K_M$	330
Specific factor dynamic load - K	100 N/mm <sup>2</sup>
Basic static load rating $C_0$	3050 kN
Basic static load rating - $C_0$	3050 kN
Specific static load factor $K_0$	500 N/mm <sup>2</sup>
Specific factor static load - $K_0$	500 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel