



Bearing No. GEG 80 ES

D	120 mm
d	80 mm
B	80 mm
C	45 mm
b	7.7 mm
M	4 mm
?	4 °
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
UNSPSC	31171515
?	4 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	120x80x80
Keyword 3	Spherical
Enclosure	Open
Lubricant	Regular relubrication – grease
Width (mm)	80
Weight / LBS	5.291
dk	105 mm
Self Aligning	Yes
Product Group	B04264
Inch - Metric	Metric
b ₁	7.7 mm
dk	105 mm
d ₁	91 mm
closure type:	Open
Housing Width	1.772 Inch 45 Millimeter

b ₁	7.7 mm
Overall Width	3.15 Inch 80 Millimeter
bearing type:	Radial
Keyword String	Plain Spherical Radial
bore diameter:	80 mm
Other Features	2 Piece Extended Inner Ring on Both Sides Lubrication Hole and an Annular Groove in Both Rings
overall width:	80 mm
Relubricatable	Yes
Bearing number	GEG 80 ES
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Long Description	80MM Bore; 45MM Housing Width; 120MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 80MM Overall Width; Relubricatable
Sealing solution	-
Outside Diameter	4.724 Inch 120 Millimeter
Manufacturer URL	http://www.skf.com
outer ring width:	45 mm
inner ring width:	80 mm
lubrication type:	Requires Lubrication
outside diameter:	120 mm
Weight / Kilogram	2.4
Manufacturer Name	SKF
d _a max.	91 mm
	99.7 mm

Da min.

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r ₂ min.	1 mm
r ₁ min.	1 mm
D _a max.	113.8 mm
Bore Diameter (mm)	120
r _a max.	1 mm
r _b max.	1 mm
d _a min.	88.7 mm
Mass plain bearing	2.4 kg
misalignment angle:	4 °
Outer Diameter (mm)	80
outer ring material:	Steel
Minimum Buy Quantity	N/A
D _a - min.	99.7 mm
r ₁ - min.	1 mm
r _b - max.	1 mm
r ₂ - min.	1 mm
d _a - max.	91 mm
inner ring material:	Steel
r _a - max.	1 mm
D _a - max.	113.8 mm
d _a - min.	88.7 mm
d ₁ ?	91 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEG 80 ES
Constant - K _M	330
manufacturer upc number:	7316577059383
Basic dynamic load rating C	400 kN
operating temperature range:	-50 to +200 °C °F

radial static load capacity:	2000 kN
Basic dynamic load rating - C	400 kN
radial dynamic load capacity:	400 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K_M	330
Specific factor dynamic load - K	100 N/mm ²
Basic static load rating C_0	2000 kN
Basic static load rating - C_0	2000 kN
Specific static load factor K_0	500 N/mm ²
Specific factor static load - K_0	500 N/mm ²
Design (sliding contact surface combination)	Steel/steel