



Bearing No. GEZ 100 ES

C	19.05 mm
b	3.2 mm
d	25.4 mm
D	41.275 mm
B	22.225 mm
M	2.5 mm
?	6 °
Noun	Bearing
Bore	1 Inch 25.4 Millimeter
UNSPSC	31171515
grade:	Commercial/Industrial
weight:	0.26 lb
?	6 °
Category	Plain Bearings Spherical Radial
Inventory	8.0
Size (mm)	41.275x25.4x22.225
Keyword 3	Spherical
Enclosure	Open
Lubricant	Regular relubrication – grease
Width (mm)	22,225
Weight / LBS	0.265
b ₁	3 mm
Self Aligning	Yes
closure type:	Open
Housing Width	0.75 Inch 19.05 Millimeter
Overall Width	0.875 Inch 22.225 Millimeter
Inch - Metric	Inch

bearing type:	Radial
d _k	36.5 mm
d _k	36.5 mm
b ₁	3 mm
Product Group	B04264
Other Features	2 Piece Lubrication Hole and an Annular Groove in Both Rings
Relubricatable	Yes
Keyword String	Plain Spherical Radial
bore diameter:	1.0000 in
overall width:	0.8750 in
Bearing number	GEZ 100 ES
Rolling Element	Spherical Plain
Material - Ball	Steel
Material - Liner	Not Applicable
Manufacturer URL	http://www.skf.com
Sealing solution	-
Long Description	1" Bore; 3/4" Housing Width; 1-5/8" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 7/8" Overall Width; Relubricatable
Outside Diameter	1.625 Inch 41.275 Millimeter
inner ring width:	0.8750 in
outside diameter:	1.6250 in
outer ring width:	0.7500 in
lubrication type:	Requires Lubrication
Manufacturer Name	SKF
Weight / Kilogram	0.12
Mass plain bearing	0.12 kg
Bore Diameter (mm)	41,275

r ₁ min.	0.3 mm
d _a min.	27.5 mm
r ₂ min.	1 mm
d _a max.	29 mm
D _a min.	34.7 mm
D _a max.	37.7 mm
r _a max.	0.3 mm
r _b max.	1 mm
misalignment angle:	6 °
Outer Diameter (mm)	25,4
d _a - min.	27.5 mm
r ₁ - min.	0.3 mm
r ₂ - min.	1 mm
outer ring material:	Chrome Steel
inner ring material:	Chrome Steel
d _a - max.	29 mm
D _a - max.	37.7 mm
r _b - max.	1 mm
Minimum Buy Quantity	N/A
D _a - min.	34.7 mm
r _a - max.	0.3 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 100 ES
manufacturer upc number:	7316576608421
Constant - K _M	330
manufacturer product page:	Click here
Basic dynamic load rating C	56 kN
operating temperature range:	-50 to +200 °C °F

radial static load capacity:	37318 lbf
Basic dynamic load rating - C	56 kN
radial dynamic load capacity:	12589 lbf
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	166 kN
Basic static load rating - C_0	166 kN
Specific static load factor K_0	300 N/mm ²
Specific factor static load - K_0	300 N/mm ²
Design (sliding contact surface combination)	Steel/steel