



**Bearing No. GEZ 300 ES**

C	57.15 mm
b	9 mm
d	76.2 mm
D	120.65 mm
B	66.675 mm
M	6.5 mm
?	6 °
Noun	Bearing
Bore	3 Inch   76.2 Millimeter
UNSPSC	31171515
grade:	Commercial/Industrial
weight:	6.83 lbs
?	6 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	120.65x76.2x66.675
Keyword 3	Spherical
Enclosure	Open
Lubricant	Regular relubrication – grease
Width (mm)	66,675
Weight / LBS	6.84
b <sub>1</sub>	8 mm
Self Aligning	Yes
closure type:	Open
Overall Width	2.625 Inch   66.675 Millimeter
Housing Width	2.25 Inch   57.15 Millimeter
Inch - Metric	Inch

bearing type:	Radial
d <sub>k</sub>	109.525 mm
d <sub>k</sub>	109.525 mm
b <sub>1</sub>	8 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:	3.0000 in
overall width:	2.6250 in
Bearing number	GEZ 300 ES
Rolling Element	Spherical Plain
Material - Ball	Steel
Material - Liner	Not Applicable
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Sealing solution	-
Long Description	3" Bore; 2-1/4" Housing Width; 4-3/4" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 2-5/8" Overall Width; Relubricatable
Outside Diameter	4.75 Inch   120.65 Millimeter
inner ring width:	2.6250 in
outside diameter:	4.7500 in
outer ring width:	2.2500 in
lubrication type:	Requires Lubrication
Manufacturer Name	SKF
Weight / Kilogram	3.11
Mass plain bearing	3.1 kg
Bore Diameter (mm)	120,65

r <sub>1</sub> min.	0.6 mm
d <sub>a</sub> min.	81.4 mm
r <sub>2</sub> min.	1 mm
d <sub>a</sub> max.	86.9 mm
D <sub>a</sub> min.	104 mm
D <sub>a</sub> max.	115 mm
r <sub>a</sub> max.	0.6 mm
r <sub>b</sub> max.	1 mm
misalignment angle:	6 °
Outer Diameter (mm)	76,2
d <sub>a</sub> - min.	81.4 mm
r <sub>1</sub> - min.	0.6 mm
r <sub>2</sub> - min.	1 mm
outer ring material:	Chrome Steel
inner ring material:	Chrome Steel
d <sub>a</sub> - max.	86.9 mm
D <sub>a</sub> - max.	115 mm
r <sub>b</sub> - max.	1 mm
Minimum Buy Quantity	N/A
D <sub>a</sub> - min.	104 mm
r <sub>a</sub> - max.	0.6 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 300 ES
manufacturer upc number:	7316576612374
Constant - K <sub>M</sub>	330
manufacturer product page:	<a href="#">Click here</a>
Basic dynamic load rating C	500 kN
operating temperature range:	-50 to +200 °C °F

radial static load capacity:	337213 lbf
Basic dynamic load rating - C	500 kN
radial dynamic load capacity:	112404 lbf
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 $C_0$	1500 kN
Basic static load rating - $C_0$	1500 kN
Specific static load factor $K_0$	300 N/mm <sup>2</sup>
Specific factor static load - $K_0$	300 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel