



Bearing No. GEZ 308 ES

C	66.675 mm
b	10.5 mm
d	88.9 mm
D	139.7 mm
B	77.775 mm
M	6.5 mm
?	6 °
Noun	Bearing
Bore	3.5 Inch 88.9 Millimeter
UNSPSC	31171515
grade:	Commercial/Industrial
weight:	10.60 lbs
?	6 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	139.7x88.9x77.775
Keyword 3	Spherical
Enclosure	Open
Lubricant	Regular relubrication – grease
Width (mm)	77,775
Weight / LBS	10.6
bearing type:	Radial
Inch - Metric	Inch
Self Aligning	Yes
Product Group	B04264
b ₁	8 mm
d _k	128.016 mm
b ₁	8 mm
d	128.016 mm

k	
Housing Width	2.625 Inch 66.675 Millimeter
Overall Width	3.062 Inch 77.775 Millimeter
closure type:	Open
overall width:	3.0620 in
Keyword String	Plain Spherical Radial
bore diameter:	3.5000 in
Other Features	2 Piece Lubrication Hole and an Annular Groove in Both Rings
Relubricatable	Yes
Bearing number	GEZ 308 ES
Rolling Element	Spherical Plain
Material - Ball	Steel
Material - Liner	Not Applicable
Manufacturer URL	http://www.skf.com
Sealing solution	-
Long Description	3-1/2" Bore; 2-5/8" Housing Width; 5-1/2" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 3-1/16" Overall Width; Relubricatable
Outside Diameter	5.5 Inch 139.7 Millimeter
inner ring width:	3.0620 in
outside diameter:	5.5000 in
outer ring width:	2.6250 in
lubrication type:	Requires Lubrication
Manufacturer Name	SKF
Weight / Kilogram	4.81
Mass plain bearing	4.8 kg
Bore Diameter (mm)	139,7

r ₁ min.	0.6 mm
d _a min.	94.6 mm
r ₂ min.	1 mm
d _a max.	101.7 mm
D _a min.	121.6 mm
D _a max.	133.8 mm
r _a max.	0.6 mm
r _b max.	1 mm
misalignment angle:	6 °
Outer Diameter (mm)	88,9
d _a - min.	94.6 mm
r ₁ - min.	0.6 mm
r ₂ - min.	1 mm
outer ring material:	Chrome Steel
inner ring material:	Chrome Steel
d _a - max.	101.7 mm
D _a - min.	121.6 mm
r _b - max.	1 mm
Minimum Buy Quantity	N/A
D _a - max.	133.8 mm
r _a - max.	0.6 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 308 ES
manufacturer upc number:	7316576612411
Constant - K _M	330
manufacturer product page:	Click here
Basic dynamic load rating C	680 kN
radial static load capacity:	458610 lbf

operating temperature range:	-50 to +200 °C °F
Basic dynamic load rating - C	680 kN
radial dynamic load capacity:	152870 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	2040 kN
Basic static load rating - C_0	2040 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