



NTN-SNR BEARING RULMENTI S.R.L.



95.25 mm x 149.225 mm x 83.337 mm skf GEZ 312 ES Radial spherical plain bearings

Bearing No. GEZ 312 ES

GEZ 312 ES Bearing 2D drawings and 3D CAD models

Category	Spherical Plain Bearings - Radial
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	5.81
EAN	7316576612435
Product Group	B04264
Self Aligning	Yes
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Not Applicable
Relubricatable	Yes
Enclosure	Open
Other Features	2 Piece Lubrication Hole and an Annular Groove in Both Rings
Long Description	3-3/4" Bore; 2-13/16" Housing Width; 5-7/8" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 3-9/32" Overall Width; Relubricatable
Inch - Metric	Inch
Category	Plain Bearings Spherical Radial
UNSPSC	31171515



NTN-SNR BEARING RULMENTI S.R.L.

Harmonized Tariff Code	8483.30.80.70
Noun	Bearing
Keyword 3	Spherical
Keyword String	Plain Spherical Radial
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	GEZ 312 ES
Weight / LBS	12.8
Housing Width	2.812 Inch 71.425 Millimeter
B	3.281 Inch 83.337 Millimeter
d	3.75 Inch 95.25 Millimeter
D	5.875 Inch 149.225 Millimeter
bore diameter:	3.7500 in
outer ring width:	2.8120 in
outside diameter:	5.8750 in
grade:	Commercial/Industrial
misalignment angle:	6 °
radial static load capacity:	530549 lbf
inner ring width:	3.2810 in
radial dynamic load capacity:	175351 lbf
bearing type:	Radial
operating temperature range:	-50 to +200 ° C ° F
lubrication type:	Requires Lubrication
overall width:	3.2810 in
closure type:	Open
weight:	12.80 lbs
outer ring material:	Chrome Steel
manufacturer product page:	Click here
inner ring material:	Chrome Steel
manufacturer upc number:	7316576612435



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Lubricant	Regular relubrication – grease
Design (sliding contact surface combination)	Steel/steel
Sealing solution	-
d	95.25 mm
D	149.225 mm
B	83.337 mm
C	71.425 mm
	6 °
d _k	136.906 mm
b	10.5 mm
b ₁	8 mm
M	6.5 mm
r ₁ min.	0.6 mm
r ₂ min.	1 mm
d _a min.	101.2 mm
d _a max.	108.6 mm
D _a min.	130.1 mm
D _a max.	143.1 mm
r _a max.	0.6 mm
r _b max.	1 mm
Basic dynamic load rating C	780 kN
Basic static load rating C ₀	2360 kN
Specific dynamic load factor K	100 N/mm ²
Specific static load factor K ₀	300 N/mm ²
Material constant K _M	330
Mass plain bearing	5.8 kg