



Bearing No. GEZ 312 ES-2RS

C	71.425 mm
b	10.5 mm
d	95.25 mm
D	149.225 mm
B	83.337 mm
M	6.5 mm
?	6 °
Noun	Bearing
Bore	3.75 Inch 95.25 Millimeter
UNSPSC	31171515
grade:	Commercial/Industrial
weight:	12.80 lbs
?	6 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	149.225x95.25x83.337
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	83,337
Weight / LBS	12.8
b ₁	8 mm
Self Aligning	Yes
closure type:	Sealed
Overall Width	3.281 Inch 83.337 Millimeter
Housing Width	2.812 Inch 71.425 Millimeter

Inch - Metric	Inch
bearing type:	Radial
d _k	136.906 mm
d _k	136.906 mm
b ₁	8 mm
Product Group	B04264
Other Features	2 Piece Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
Relubricatable	Yes
Keyword String	Plain Spherical Radial
bore diameter:	3.7500 in
overall width:	3.2810 in
Bearing number	GEZ 312 ES-2RS
Rolling Element	Spherical Plain
Material - Ball	Steel
Material - Liner	Not Applicable
Manufacturer URL	http://www.skf.com
Sealing solution	Double-lip seals
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
Outside Diameter	5.875 Inch 149.225 Millimeter
inner ring width:	3.2810 in
outside diameter:	5.8750 in
outer ring width:	2.8120 in
lubrication type:	Requires Lubrication
Manufacturer Name	SKF
Weight / Kilogram	5.81

Mass plain bearing	5.8 kg
Bore Diameter (mm)	149,225
r ₁ min.	0.6 mm
d _a min.	101.2 mm
r ₂ min.	1 mm
d _a max.	108.6 mm
D _a min.	131.4 mm
D _a max.	143.1 mm
r _a max.	0.6 mm
r _b max.	1 mm
misalignment angle:	6 °
Outer Diameter (mm)	95,25
d _a - min.	101.2 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.	108.6 mm
D _a - max.	143.1 mm
r _b - max.	1 mm
Minimum Buy Quantity	N/A
D _a - min.	131.4 mm
r _a - max.	0.6 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 312 ES-2RS
manufacturer upc number:	7316576612442
Constant - K _M	330
manufacturer product page:	Click here
Basic dynamic load	780 kN

rating C	
radial static load capacity:	530549 lbf
operating temperature range:	-30 to +130 °C °F
radial dynamic load capacity:	175351 lbf
Basic dynamic load rating - C	780 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	2360 kN
Basic static load rating - C_0	2360 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