



Bearing No. GEZ 300 ES-2RS

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)	76.2x120.65x66.675
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	66,675
Weight / LBS	6.84
b ₁	8 mm
Self Aligning	Yes
closure type:	Sealed
Housing Width	2.25 Inch 57.15 Millimeter
Overall Width	2.625 Inch 66.675 Millimeter
Inch - Metric	Inch

bearing type:	Radial
d _k	109.525 mm
d _k	109.525 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:	3.0000 in
overall width:	2.6250 in
Bearing number	GEZ 300 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" 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)	76,2

r ₁ min.	0.6 mm
d _a min.	81.4 mm
r ₂ min.	1 mm
d _a max.	86.9 mm
D _a min.	104.8 mm
D _a max.	115 mm
r _a max.	0.6 mm
r _b max.	1 mm
misalignment angle:	6 °
Outer Diameter (mm)	120,65
d _a - min.	81.4 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.	86.9 mm
D _a - max.	115 mm
r _b - max.	1 mm
Minimum Buy Quantity	N/A
D _a - min.	104.8 mm
r _a - max.	0.6 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 300 ES-2RS
manufacturer upc number:	7316576612381
Constant - K _M	330
manufacturer product page:	Click here
Basic dynamic load rating C	500 kN
operating temperature range:	-30 to +130 °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 ²
Material constant K_M	330
Specific factor dynamic load - K	100 N/mm ²
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 ²
Specific factor static load - K_0	300 N/mm ²
Design (sliding contact surface combination)	Steel/steel