



Bearing No. GEZ 500 ES-2RS

C	95.25 mm
b	11 mm
d	127 mm
D	196.85 mm
B	111.125 mm
M	8 mm
?	6 °
Noun	Bearing
Bore	5 Inch 127 Millimeter
UNSPSC	31171515
grade:	Commercial/Industrial
weight:	29.80 lbs
?	6 °
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	196.85x127x111.125
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	111,125
Weight / LBS	29.8
b ₁	10 mm
Self Aligning	Yes
closure type:	Sealed
Housing Width	3.75 Inch 95.25 Millimeter
Overall Width	4.375 Inch 111.125 Millimeter
Inch - Metric	Inch

bearing type:	Radial
d _k	182.626 mm
d _k	182.626 mm
b ₁	10 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:	5.0000 in
overall width:	4.3750 in
Bearing number	GEZ 500 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	5" Bore; 3-3/4" Housing Width; 7-3/4" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 4-3/8" Overall Width; Relubricatable
Outside Diameter	7.75 Inch 196.85 Millimeter
inner ring width:	4.3750 in
outside diameter:	7.7500 in
outer ring width:	3.7500 in
lubrication type:	Requires Lubrication
Manufacturer Name	SKF
Weight / Kilogram	13.53
Mass plain bearing	13.5 kg
Bore Diameter (mm)	196,85

r ₁ min.	1 mm
d _a min.	135.5 mm
r ₂ min.	1.1 mm
d _a max.	144.5 mm
D _a min.	175.5 mm
D _a max.	188.5 mm
r _a max.	1 mm
r _b max.	1.1 mm
misalignment angle:	6 °
Outer Diameter (mm)	127
d _a - min.	135.5 mm
r ₁ - min.	1 mm
r ₂ - min.	1.1 mm
outer ring material:	Chrome Steel
inner ring material:	Chrome Steel
d _a - max.	144.5 mm
D _a - max.	188.5 mm
r _b - max.	1.1 mm
Minimum Buy Quantity	N/A
D _a - min.	175.5 mm
r _a - max.	1 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZ 500 ES-2RS
manufacturer upc number:	7316576612503
Constant - K _M	330
manufacturer product page:	Click here
Basic dynamic load rating C	1400 kN
radial static load capacity:	932957 lbf

operating temperature range:	-30 to +130 °C °F
radial dynamic load capacity:	314733 lbf
Basic dynamic load rating - C	1400 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	4150 kN
Basic static load rating - C_0	4150 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