



Bearing No. GEZM 108 ES-2RS

C	28.575 mm
b	4.8 mm
M	4 mm
d	38.1 mm
D	61.913 mm
B	57.15 mm
?	5 °
Noun	Bearing
Bore	1.5 Inch   38.1 Millimeter
grade:	Commercial/Industrial
UNSPSC	31171515
?	5 °
weight:	1.12 lbs
Category	Plain Bearings Spherical Radial
Inventory	0.0
Size (mm)	61.913x38.1x57.15
Keyword 3	Spherical
Enclosure	2 Seals
Lubricant	Regular relubrication – grease
Width (mm)	57,15
Weight / LBS	1.13
closure type:	Sealed
d <sub>k</sub>	54.737 mm
Inch - Metric	Inch
Self Aligning	Yes
Product Group	B04264
b <sub>1</sub>	5 mm
d <sub>k</sub>	54.737 mm
d	46.99 mm

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Housing Width	1.125 Inch   28.575 Millimeter
Overall Width	2.25 Inch   57.15 Millimeter
b <sub>1</sub>	5 mm
bearing type:	Radial
Relubricatable	Yes
Keyword String	Plain Spherical Radial
bore diameter:	1.5000 in
overall width:	2.2500 in
Other Features	2 Piece   Extended Inner Ring on Both Sides   Double Lip Seals   Lubrication Hole and an Annular Groove in Both Rings
Bearing number	GEZM 108 ES-2RS
Material - Ball	Steel
Rolling Element	Spherical Plain
Material - Liner	Not Applicable
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	1-1/2" Bore; 1-1/8" Housing Width; 2-7/16" Outside Diameter; Steel Outer Member; Steel Ball; No Liner; 2-1/4" Overall Width; Relubricatable
Sealing solution	Double-lip seals
Outside Diameter	2.438 Inch   61.925 Millimeter
outside diameter:	2.4375 in
outer ring width:	1.1250 in
inner ring width:	2.2500 in
lubrication type:	Requires Lubrication

Weight / Kilogram	0.51
Manufacturer Name	SKF
D <sub>a</sub> min.	52.3 mm
d <sub>a</sub> min.	43.3 mm
r <sub>2</sub> min.	1 mm
r <sub>1</sub> min.	1 mm
Bore Diameter (mm)	61,913
D <sub>a</sub> max.	58 mm
r <sub>a</sub> max.	1 mm
r <sub>b</sub> max.	1 mm
d <sub>a</sub> max.	47 mm
Mass plain bearing	0.51 kg
Outer Diameter (mm)	38,1
misalignment angle:	5 °
inner ring material:	Chrome Steel
Minimum Buy Quantity	N/A
r <sub>1</sub> - min.	1 mm
r <sub>b</sub> - max.	1 mm
r <sub>2</sub> - min.	1 mm
D <sub>a</sub> - max.	58 mm
outer ring material:	Chrome Steel
d <sub>a</sub> - min.	43.3 mm
d <sub>a</sub> - max.	47 mm
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - min.	52.3 mm
d <sub>1</sub> ?	46.99 mm
Harmonized Tariff Code	8483.30.80.70
Material - Outer Member	Steel
Manufacturer Item Number	GEZM 108 ES-2RS
manufacturer upc number:	7316577054517
Constant - K <sub>M</sub>	330

manufacturer product page:	<a href="#">Click here</a>
Basic dynamic load rating C	125 kN
operating temperature range:	-30 to +130 °C °F
radial static load capacity:	84303 lbf
Basic dynamic load rating - C	125 kN
radial dynamic load capacity:	28101 lbf
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Material constant $K_M$	330
Specific factor dynamic load - K	100 N/mm <sup>2</sup>
Basic static load rating $C_0$	375 kN
Basic static load rating - $C_0$	375 kN
Specific static load factor $K_0$	300 N/mm <sup>2</sup>
Specific factor static load - $K_0$	300 N/mm <sup>2</sup>
Design (sliding contact surface combination)	Steel/steel