



Shandong Shenjie Bearing Co., Ltd.



25 mm x 42 mm x 29 mm SKF GEM 25 ES-2RS Spherical Plain Bearings - Radial

Bearing No. GEM 25 ES-2RS

GEM 25 ES-2RS Bearing 2D drawings and 3D CAD models

Category	Spherical Plain Bearings - Radial
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.126
EAN	7316577105318
Product Group	B04264
Self Aligning	Yes
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Not Applicable
Relubricatable	Yes
Enclosure	2 Seals
Other Features	2 Piece Extended Inner Ring on Both Sides Double Lip Seals Lubrication Hole and an Annular Groove in Both Rings
Long Description	25MM Bore; 16MM Housing Width; 42MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 29MM Overall Width; Relubricatable
Inch - Metric	Metric
Category	Plain Bearings Spherical



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	Radial
UNSPSC	31171515
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	GEM 25 ES-2RS
Weight / LBS	0.287
d	0.984 Inch 25 Millimeter
D	1.654 Inch 42 Millimeter
Housing Width	0.63 Inch 16 Millimeter
B	1.142 Inch 29 Millimeter
bore diameter:	25 mm
inner ring material:	Steel
outside diameter:	42 mm
outer ring width:	16 mm
misalignment angle:	4 °
radial static load capacity:	240 kN
inner ring width:	29 mm
radial dynamic load capacity:	48 kN
bearing type:	Radial
operating temperature range:	-30 to +130 ° C ° F
lubrication type:	Requires Lubrication
overall width:	29 mm
closure type:	Sealed
manufacturer upc number:	7316577105318
outer ring material:	Steel
Lubricant	Regular relubrication – grease
Design (sliding contact	Steel/steel



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surface combination)	
Sealing solution	Double-lip seals
d	25 mm
D	42 mm
B	29 mm
C	16 mm
	4 °
d _k	35.5 mm
d ₁	29 mm
b	3.1 mm
b ₁	3.1 mm
M	2 mm
r ₁ min.	0.3 mm
r ₂ min.	0.6 mm
d _a min.	28.3 mm
d _a max.	29 mm
D _a min.	36.9 mm
D _a max.	39.2 mm
r _a max.	0.3 mm
r _b max.	0.6 mm
Basic dynamic load rating C	48 kN
Basic static load rating C ₀	240 kN
Specific dynamic load factor K	100 N/mm ²
Specific static load factor K ₀	500 N/mm ²
Material constant K _M	330
Mass plain bearing	0.12 kg