



# PRD BEARINGS LLC



## 20 mm x 42 mm x 25 mm SKF GEH 20 ES-2RS Spherical Plain Bearings - Radial

Bearing No. GEH 20 ES-2RS

GEH 20 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	0.16
EAN	7316577022462
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   Larger Tilt Angle   Double Lip Seals   Lubrication Hole and an Annular Groove in Both Rings
Long Description	20MM Bore; 16MM Housing Width; 42MM Outside Diameter; Spherical Plain; Steel Outer Member; Steel Ball; No Liner; 25MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	GEH 20 ES-2RS
Weight / LBS	0.353
B	0.984 Inch   25 Millimeter
d	0.787 Inch   20 Millimeter
Housing Width	0.63 Inch   16 Millimeter
D	1.654 Inch   42 Millimeter
bore diameter:	20 mm
inner ring material:	Steel
outside diameter:	42 mm
outer ring width:	16 mm
misalignment angle:	17 °
overall width:	25 mm
inner ring width:	25 mm
radial static load capacity:	240 kN
bearing type:	Radial
radial dynamic load capacity:	48 kN
lubrication type:	Requires Lubrication
operating temperature range:	-30 to +130 ° C ° F
closure type:	Sealed
manufacturer upc number:	7316577022462
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	20 mm
D	42 mm
B	25 mm
C	16 mm
	17 °
d <sub>k</sub>	35.5 mm
b	3.1 mm
b <sub>1</sub>	3.1 mm
M	2 mm
r <sub>1</sub> min.	0.3 mm
r <sub>2</sub> min.	0.6 mm
d <sub>a</sub> min.	22.7 mm
d <sub>a</sub> max.	25.2 mm
D <sub>a</sub> min.	36.9 mm
D <sub>a</sub> max.	39.2 mm
r <sub>a</sub> max.	0.3 mm
r <sub>b</sub> max.	0.6 mm
Basic dynamic load rating C	48 kN
Basic static load rating C <sub>0</sub>	240 kN
Specific dynamic load factor K	100 N/mm <sup>2</sup>
Specific static load factor K <sub>0</sub>	500 N/mm <sup>2</sup>
Material constant K <sub>M</sub>	330
Mass plain bearing	0.16 kg