



American Bearing Co., Ltd



SIL 20 ES Bearing 2D drawings and 3D CAD models

SKF SIL 20 ES Spherical Plain Bearings - Rod Ends

Bearing No. SIL 20 ES

Category	Spherical Plain Bearings - Rod Ends
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.36
Product Group	B04286
Stud Profile	Female
Mounting Thread	M20 X 1.5
Thread Direction	Left Hand
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Steel
Relubricatable	Yes
Enclosure	Open
Other Features	3 Piece Zinc Plated Outer
Long Description	20MM Bore; 13.5MM House Width; Female Stud Profile; M20 X 1.5; Left Hand Thread Direction; Spherical Plain Bearing; Steel Outer Member; Steel Ball; St
Inch - Metric	Metric
Category	Plain Bearing Spherical Rod Ends
UNSPSC	31171508



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Harmonized Tariff Code	8483.30.80.55
Noun	Bearing
Keyword 3	Rod End
Keyword String	Plain Spherical Rod End
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SIL 20 ES
Weight / LBS	0.794
d	0.787 Inch 20 Millimeter
Housing Width	0.531 Inch 13.5 Millimeter
Ball Width	0.63 Inch 16 Millimeter
bore diameter:	20 mm
ball material:	Steel
misalignment angle:	9 °
race material:	Steel
shank thread length:	30 mm
radial static load capacity:	57 kN
rod end type:	Female Threaded
operating temperature range:	-50 to +300 ° F
shank thread size:	M20x1.5
head diameter:	54 mm
thread direction:	Left Hand
head width:	13.5 mm
grade:	Commercial/Industrial
ball width:	16 mm
lubrication type:	No Fitting
length to ball center:	77 mm
housing material:	Zinc-Plated Steel
d	20 mm
d ₂ max.	54 mm
B	16 mm
G	M 20x1.5
C ₁ max.	13.5 mm



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h_1	77 mm
	9 °
d_k	29 mm
d_4	28 mm
l_3 min.	30 mm
l_4 max.	106 mm
l_5	16 mm
l_7 min.	24 mm
w	24 mm
r_1 min.	0.3 mm
Basic dynamic load rating C	30 kN
Basic static load rating C_0	57 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K_M	330
Mass rod end	0.34 kg