



NTN Bearing Rolamentos do Brasil Ltda.

skf SIR 20 ES Spherical plain bearings and rod ends with a female thread



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

Bearing No. SIR 20 ES

Category	Spherical Plain Bearings - Rod Ends
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.41
EAN	7316577003638
Product Group	B04286
Stud Profile	Female
Mounting Thread	M16 X 1.5
Thread Direction	Right Hand
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Steel
Relubricatable	Yes
Enclosure	Open
Other Features	3 Piece For Hydraulic Cylinder
Long Description	20MM Bore; 19.5MM House Width; Female Stud Profile; M16 X 1.5; Right Hand Thread Direction; Spherical Plain Bearing; Steel Outer Member; Steel Ball; S
Inch - Metric	Metric
Category	Plain Bearing Spherical Rod



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	Ends
UNSPSC	31171508
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	SIR 20 ES
Weight / LBS	0.904
d	0.787 Inch 20 Millimeter
Housing Width	0.768 Inch 19.5 Millimeter
Ball Width	0.63 Inch 16 Millimeter
bore diameter:	20 mm
ball material:	Steel
misalignment angle:	9 °
race material:	Steel
shank thread length:	17 mm
radial static load capacity:	52 kN
rod end type:	Female Threaded
operating temperature range:	-50 to +300 ° F
shank thread size:	M16x1.5
head diameter:	58 mm
thread direction:	Right Hand
head width:	19.5 mm
grade:	Commercial/Industrial
ball width:	16 mm
lubrication type:	With Lubrication Fitting
length to ball center:	50 mm
housing material:	Steel
standards met:	DIN 71412:1987, ISO 8133:2006
d	20 mm



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d ₂ max.	58 mm
B	16 mm
G	M 16x1.5
C ₁ max.	19.5 mm
h ₁	50 mm
	9 °
d _k	29 mm
d ₄ max.	26.5 mm
l ₃ min.	17 mm
l ₄ max.	81 mm
l ₇ min.	24 mm
N max.	46 mm
N ₁ max.	22 mm
r ₁ min.	0.3 mm
Size bolt with internal hexagon	M 8
Tightening torque bolt with internal hexagon	23 N · m
Basic dynamic load rating C	30 kN
Basic static load rating C ₀	41.5 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K _M	330
Mass rod end	0.43 kg