



American Bearing Co., Ltd



SIL 12 C Bearing 2D drawings and 3D CAD models

SKF SIL 12 C Spherical Plain Bearings - Rod Ends

Bearing No. SIL 12 C

Category	Spherical Plain Bearings - Rod Ends
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.11
Product Group	B04286
Stud Profile	Female
Mounting Thread	M12 X 1.75
Thread Direction	Left Hand
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Teflon Sintered Bronze
Relubricatable	No
Enclosure	Open
Other Features	3 Piece Zinc Plated Outer Self Lubricating Maintenance Free
Long Description	12MM Bore; 8.5MM House Width; Female Stud Profile; M12 X 1.75; Left Hand Thread Direction; Spherical Plain Bearing; Steel Outer Member; Steel Ball; Te
Inch - Metric	Metric
Category	Plain Bearing Spherical Rod Ends



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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	SIL 12 C
Weight / LBS	0.243
Ball Width	0.394 Inch 10 Millimeter
d	0.472 Inch 12 Millimeter
Housing Width	0.335 Inch 8.5 Millimeter
bore diameter:	12 mm
race material:	Bronze
misalignment angle:	10 °
radial static load capacity:	25.5 kN
shank thread length:	18 mm
operating temperature range:	-50 to +150 ° F
rod end type:	Female Threaded
head diameter:	35 mm
shank thread size:	M12
head width:	8.5 mm
thread direction:	Left Hand
ball width:	10 mm
lubrication type:	Maintenance Free/Self-Lubricating
length to ball center:	50 mm
housing material:	Zinc-Plated Steel
standards met:	ISO 12240-4:1998, ISO 965-1:1998
ball material:	Steel
d	12 mm
d ₂ max.	35 mm



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B	10 mm
G	M 12
C ₁ max.	8.5 mm
h ₁	50 mm
	10 °
d _k	18 mm
d ₄	19 mm
l ₃ min.	18 mm
l ₄ max.	69 mm
l ₅	12 mm
l ₇ min.	17 mm
w	17 mm
r ₁ min.	0.3 mm
Basic dynamic load rating C	11.4 kN
Basic static load rating C ₀	25.5 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K _M	1400
Mass rod end	0.11 kg