



GOOD QUALITY BEARINGS LIMITED



SI 80 ES-2RS Bearing 2D drawings and 3D CAD models

SKF SI 80 ES-2RS Spherical Plain Bearings - Rod Ends

Bearing No. SI 80 ES-2RS

Category	Spherical Plain Bearings - Rod Ends
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	16.802
EAN	7316570378290
Product Group	B04286
Stud Profile	Female
Mounting Thread	M80 X 4
Thread Direction	Right Hand
Rolling Element	Spherical Plain
Material - Outer Member	Steel
Material - Ball	Steel
Material - Liner	Steel
Relubricatable	Yes
Enclosure	2 Seals
Other Features	3 Piece Zinc Plated Outer Double Lip Seals
Long Description	80MM Bore; 48MM House Width; Female Stud Profile; M80 X 4; Right Hand Thread Direction; Spherical Plain Bearing; Steel Outer Member; Steel Ball; Steel
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	SI 80 ES-2RS
Weight / LBS	41.888
Ball Width	2.165 Inch 55 Millimeter
d	3.15 Inch 80 Millimeter
Housing Width	1.89 Inch 48 Millimeter
bore diameter:	80 mm
ball material:	Steel
misalignment angle:	5 °
race material:	Steel
shank thread length:	85 mm
radial static load capacity:	655 kN
rod end type:	Female Threaded
operating temperature range:	-50 to +300 ° F
shank thread size:	M80x4
head diameter:	182 mm
thread direction:	Right Hand
head width:	48 mm
lubrication type:	With Lubrication Fitting
ball width:	55 mm
housing material:	Zinc-Plated Steel
length to ball center:	295 mm
d	80 mm
d ₂ max.	182 mm
B	55 mm
G	M 80
C ₁ max.	48 mm



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h_1	295 mm
	5 °
d_k	105 mm
d_4	105 mm
l_3 min.	85 mm
l_4 max.	389 mm
l_5	45 mm
l_7 min.	88 mm
w	90 mm
r_1 min.	1 mm
Basic dynamic load rating C	400 kN
Basic static load rating C_0	655 kN
Specific dynamic load factor K	100 N/mm ²
Material constant K_M	330
Mass rod end	15 kg