



Bearing No. SIR 80 ES

d	80 mm
B	55 mm
G	M 80x2
?	6 °
dk	105 mm
h1	170 mm
Noun	Bearing
Bore	3.15 Inch 80 Millimeter
N max	126 mm
Angle	6 °
N max.	160 mm
Weight	13 Kg
UNSPSC	31171508
C1 max	60,5 mm
N1 max	60,5 mm
grade:	Industrial Grade
r1 min.	1 mm
l7 min.	79 mm
l4 max.	267,5 mm
l3 min.	81 mm
d4 max.	103,5 mm
d2 max.	178 mm
Category	Plain Bearing Spherical Rod Ends
Enclosure	Open
Inventory	0.0
Keyword 3	Rod End
Ball Width	2.165 Inch 55 Millimeter
Thread (G)	M 80x2 Tolerance 6H
Stud Profile	Female

Weight / LBS	28.66
Mass rod end	14.2 kg
Product Group	B04286
h_1	170 mm
rod end type:	Female Threaded
Housing Width	2.382 Inch 60.5 Millimeter
d_k	105 mm
Inch - Metric	Metric
race material:	Through-Hardened Steel / Ground and Phosphated
ball material:	Through-Hardened Steel / Ground and Phosphated
bore diameter:	80 mm
Bearing number	SIR 80 ES
Keyword String	Plain Spherical Rod End
Other Features	3 Piece
Relubricatable	Yes
Rolling Element	Spherical Plain
Mounting Thread	M80 X 2
Material - Ball	Steel
Manufacturer URL	http://www.skf.com
Long Description	80MM Bore; 60.5MM House Width; Female Stud Profile; M80 X 2; Right Hand Thread Direction; Spherical Plain Bearing; Cast Iron Outer Member; Steel Ball;
Material - Liner	Steel
Thread Direction	Right Hand
Weight / Kilogram	15.814
housing material:	Spheroidal Graphite cast

	Iron GGG40
thread direction:	Right Hand
Manufacturer Name	SKF
lubrication type:	Zerk Fitting
l_7 min.	79 mm
l_4 max.	267.5 mm
N_1 max.	60.5 mm
r_1 min.	1 mm
l_3 min.	81 mm
C_1 max.	60.5 mm
d_4 max.	107 mm
d_2 max.	178.5 mm
Bore Diameter (mm)	80
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8483.30.80.55
Material - Outer Member	Cast Iron
Manufacturer Item Number	SIR 80 ES
Basic dynamic load rating C	400 kN
Basic dynamic load rating (C)	400 kN
Specific dynamic load factor K	100 N/mm ²
Size bolt with internal hexagon	M 20
Material constant K_M	330
Basic static load rating C_0	560 kN
Tightening torque bolt with internal hexagon	195 N·m