



Bearing No. SIR 100 ES

d	100 mm
G	M 110x2
B	70 mm
dk	130 mm
h1	235 mm
?	7 °
Noun	Bearing
Bore	3.937 Inch 100 Millimeter
N max	167 mm
Angle	7 °
UNSPSC	31171508
Weight	30 Kg
N1 max	70,5 mm
N max.	200 mm
C1 max	70,5 mm
d4 max.	140 mm
r1 min.	1 mm
l7 min.	103 mm
d2 max.	232 mm
l4 max.	362,5 mm
l3 min.	111 mm
Category	Plain Bearing Spherical Rod Ends
Inventory	0.0
Enclosure	Open
Keyword 3	Rod End
Thread (G)	M 110x2 Tolerance 6H
Ball Width	2.756 Inch 70 Millimeter
Weight / LBS	66.139

Stud Profile	Female
Mass rod end	27.5 kg
Housing Width	2.776 Inch 70.5 Millimeter
Product Group	B04286
h_1	235 mm
d_k	130 mm
Inch - Metric	Metric
Keyword String	Plain Spherical Rod End
Bearing number	SIR 100 ES
Other Features	3 Piece
Relubricatable	Yes
Material - Ball	Steel
Mounting Thread	M110 X 2
Rolling Element	Spherical Plain
Thread Direction	Right Hand
Long Description	100MM Bore; 70.5MM House Width; Female Stud Profile; M110 X 2; Right Hand Thread Direction; Spherical Plain Bearing; Cast Iron Outer Member; Steel Bal
Manufacturer URL	http://www.skf.com
Material - Liner	Steel
Weight / Kilogram	33.5
Manufacturer Name	SKF
l_4 max.	362.5 mm
l_7 min.	103 mm
d_2 max.	232.5 mm
Bore Diameter (mm)	100
C_1 max.	70.5 mm
r_1 min.	1 mm
d_4 max.	140 mm

l_3 min.	111 mm
N_1 max.	70.5 mm
Minimum Buy Quantity	N/A
Harmonized Tariff Code	8483.30.80.55
Material - Outer Member	Cast Iron
Manufacturer Item Number	SIR 100 ES
Basic dynamic load rating C	610 kN
Basic dynamic load rating (C)	610 kN
Specific dynamic load factor K	100 N/mm ²
Size bolt with internal hexagon	M 24
Material constant K_M	330
Basic static load rating C_0	950 kN
Tightening torque bolt with internal hexagon	390 N·m