

# 1726309-2RS1 SKF 100x45x25mm UNSPSC 31171536 Deep groove ball bearings

Bearing number	1726309-2RS1
Size (mm)	100x45x25
Brand	SKF
Bore Diameter (mm)	100
Outer Diameter (mm)	45
Width (mm)	25
d	45 mm
D	100 mm
B	25 mm
d <sub>1</sub>	62.18 mm
r <sub>1,2</sub> – min.	1.5 mm
Basic dynamic load rating – C	52.7 kN
Basic static load rating – C <sub>0</sub>	31.5 kN
Fatigue load limit – P <sub>u</sub>	1.3 kN
Limiting speed	4500 r/min
Calculation factor – f <sub>0</sub>	13
Category	Insert Bearings Spherical OD
BDI Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.73
EAN	7316577042972
Product Group – BDI	M06110

Inner Race Profile	Standard Inner Ring
Outer Race Profile	Spherical
Relubricatable	No
Seal Type	RS1 Seal
Mounting Method	Shaft Mount
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	45MM Bore; Standard Inner Ring; Ball Bearing; 25MM Length Thru Bore; 25MM Outer Race Width; 100MM Outside Diameter; Not Relubricatable; RS1 Seal Seal; Shaft Mount Mounting Method; No Snap Ring
Inch – Metric	Metric
Other Features	Single Row   Standard Duty   Metric
Category – BDI	Insert Bearings
UNSPSC	31171536
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	1726309-2RS1
Weight / LBS	1.61
Bore	1.772 Inch   45 Millimeter
Length Thru Bore	0.984 Inch   25 Millimeter
Outside Diameter	3.937 Inch   100 Millimeter
Outer Race Width	0.984 Inch   25 Millimeter
bore diameter:	45 mm

radial static load capacity:	31.5 kN
outside diameter:	3.9370 in
finish/coating:	Uncoated
outer ring width:	62.1 mm
maximum rpm:	4500 RPM
bore type:	Round
seal type:	Contact/Lip
operating temperature range:	-40 to +210 °F
series:	17263
radial dynamic load capacity:	31.5 kN
$d_1 \approx$	62.18 mm
$r_{1,2}$ min.	1.5 mm
Basic dynamic load rating C	52.7 kN
Basic static load rating $C_0$	31.5 kN
Fatigue load limit $P_u$	1.34 kN
Limiting speed <sup>1)</sup>	4500 r/min
Calculation factor $f_0$	13
Mass complete bearing	0.8 kg