



NTN BEARING MFG.CORP



44.45 mm x 85 mm x 49.2 mm SKF YAR
209-112-2F Insert Bearings Spherical OD

Bearing No. YAR 209-112-2F

YAR 209-112-2F Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.705
EAN	7316577758248
Product Group	M06110
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	1-3/4" Bore; Wide Inner Ring; Ball Bearing; 1-15/16" Length Thru Bore; 0.866" Outer Race Width; 3.347" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Inch - Metric	Inch
Other Features	Single Row Medium Duty Grub Screw Has Flinger
Category	Insert Bearings
UNSPSC	31171536



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Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YAR 209-112-2F
Weight / LBS	1.32
D	1.937 Inch 49.2 Millimeter
Outer Race Width	0.866 Inch 21.996 Millimeter
d	1.75 Inch 44.45 Millimeter
D	3.347 Inch 85.014 Millimeter
bore diameter:	1.7500 in
radial dynamic load capacity:	33.2 kN
outside diameter:	85 mm
radial static load capacity:	21.6 kN
outer ring width:	22 mm
finish/coating:	Uncoated
inner ring width:	49.2 mm
maximum rpm:	4300 RPM
bore type:	Round
seal type:	Contact with Flinger
locking device:	Set Screw
d	44.45 mm
D	85 mm
B	49.2 mm
C	22 mm
d ₁	56.8 mm
B ₄	8 mm
r _{1,2} min.	1 mm
s ₁	30.2 mm
Basic dynamic load rating C	33.2 kN



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Basic static load rating C_0	21.6 kN
Fatigue load limit P_u	0.915 kN
Limiting speed ¹⁾	4300 r/min
Calculation factor f_0	14
Mass complete bearing	0.69 kg
Thread grub screw G_2	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m