



Linqing Kaige Bearing Co., Ltd.



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

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

Bearing No. YAR 209-2F

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.6
EAN	7316577032195
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	45MM Bore; Wide Inner Ring; Ball Bearing; 49.2MM Length Thru Bore; 22MM Outer Race Width; 85MM Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method; No Snap Ring
Inch - Metric	Metric
Other Features	Single Row Medium Duty Grub Screw Has Flinger Metric
Category	Insert Bearings



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UNSPSC	31171536
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YAR 209-2F
Weight / LBS	1.32
Outer Race Width	0.866 Inch 22 Millimeter
D	3.346 Inch 85 Millimeter
d	1.772 Inch 45 Millimeter
D	1.937 Inch 49.2 Millimeter
bore diameter:	45 mm
radial dynamic load capacity:	33.2 kN
outside diameter:	85 mm
radial static load capacity:	21.6 kN
outer ring width:	22 mm
bearing material:	Stainless Steel
inner ring width:	49.2 mm
finish/coating:	Zinc Plated
bore type:	Round
maximum rpm:	4300 RPM
locking device:	Set Screw
seal type:	Contact with Flinger
operating temperature range:	-40 to +210 ° F
series:	YAR2
d	45 mm
D	85 mm
B	49.2 mm
C	22 mm
d ₁	56.8 mm
B ₄	8 mm



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$r_{1,2}$ min.	1 mm
s_1	30.2 mm
Basic dynamic load rating C	33.2 kN
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	0.67 kg
Thread grub screw G_2	M8x1
Hexagonal key size for grub screw N	4 mm
Recommended tightening torque for grub screw	6.5 N · m