



**38.1 mm x 80 mm x 42.8 mm SKF YEL
208-108-2F deep groove ball bearings**

Bearing No. YEL 208-108-2F

YEL 208-108-2F Bearing 2D drawings and 3D CAD models

Size	80x38.1x56.3 mm
Bore Diameter	80 mm
Outer Diameter	38,1 mm
Width	56,3 mm
d	38.1 mm
D	80 mm
B ₁	56.3 mm
C	21 mm
d ₁	51.8 mm
d ₂	56.5 mm
B	42.8 mm
B ₄	6.75 mm
r _{1,2} - min.	1 mm
s ₁	34.9 mm
Basic dynamic load rating - C	30.7 kN
Basic static load rating - C ₀	19 kN
Fatigue load limit - P _u	0.8 kN
Limiting speed with shaft tolerance h6	4800 r/min
Calculation factor - f ₀	14
Mass bearing	0.77 kg
Thread - G ₂ - 3/8-24 UNF	3/824 UNF
Hexagonal key size for grub screw - H	4.762 mm



Timken MANUFACTURING (THAILAND)CO.,LTD.

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.75
EAN	7316576617133
Product Group	M06110
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Eccentric Collar
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	1-1/5" Bore; Wide Inner Ring; Ball Bearing; 2.217" Length Thru Bore; 0.827" Outer Race Width; 3.15" Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Method
Inch - Metric	Inch
Other Features	Single Row Standard Duty With Set Screw Has Flinger
Category	Insert Bearings
UNSPSC	31171536
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YEL 208-108-2F
Weight / LBS	1.65



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Outer Race Width	0.827 Inch 21.006 Millimeter
Outside Diameter	3.15 Inch 80.01 Millimeter
Length Thru Bore	2.217 Inch 56.312 Millimeter
Bore	1.5 Inch 38.1 Millimeter
bore diameter:	1.5000 in
radial dynamic load capacity:	30.7 kN
outside diameter:	3.1496 in
radial static load capacity:	19 kN
outer ring width:	21 mm
bearing material:	Stainless Steel
inner ring width:	56.3 mm
finish/coating:	Zinc Plated
bore type:	Round
maximum rpm:	4800 RPM
locking device:	Eccentric Collar
seal type:	Contact with Flinger
operating temperature range:	-40 to +210 ° F
series:	YEL2
B ₁	56.3 mm
d ₁	51.8 mm
d ₂	56.5 mm
B ₄	6.75 mm
r _{1,2} min.	1 mm
s ₁	34.9 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C ₀	19 kN
Fatigue load limit P _u	0.8 kN
Limiting speed ¹⁾	4800 r/min
Calculation factor f ₀	14



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Mass complete bearing	0.76 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm
Recommended tightening torque for grub screw	16.5 N · m