



Bearing No. YEL 208-108-2F

C	21 mm
B	42.8 mm
d	38.1 mm
D	80 mm
Noun	Bearing
Bore	1.5 Inch 38.1 Millimeter
UNSPSC	31171536
series:	YEL2
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	80x38.1x56.3
Inventory	0.0
Snap Ring	No
seal type:	Contact with Flinger
Width (mm)	56,3
bore type:	Round
Weight / LBS	1.65
Mass bearing	0.77 kg
maximum rpm:	4800 RPM
B ₁	56.3 mm
d ₁	51.8 mm
B ₄	6.75 mm
s ₁	34.9 mm
d ₂	56.5 mm
B ₄	6.75 mm
s ₁	34.9 mm
Product Group	M06110
d ₂	56.5 mm
Inch - Metric	Inch

B ₁	56.3 mm
bore diameter:	1.5000 in
Keyword String	Insert
Other Features	Single Row Standard Duty With Set Screw Has Flinger
Bearing number	YEL 208-108-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Eccentric Collar
finish/coating:	Zinc Plated
Mounting Method	Eccentric Collar
Outside Diameter	3.15 Inch 80.01 Millimeter
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
Manufacturer URL	http://www.skf.com
Length Thru Bore	2.217 Inch 56.312 Millimeter
Outer Race Width	0.827 Inch 21.006 Millimeter
bearing material:	Stainless Steel
outer ring width:	21 mm
outside diameter:	3.1496 in
inner ring width:	56.3 mm
Manufacturer Name	SKF
Weight / Kilogram	0.75
Inner Race Profile	Wide Inner Ring
Bore Diameter (mm)	80

Outer Race Profile	Spherical
Outer Diameter (mm)	38,1
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1 mm
d_1 ?	51.8 mm
Mass complete bearing	0.76 kg
Harmonized Tariff Code	8482.10.50.00
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	YEL 208-108-2F
Limiting speed ¹⁾	4800 r/min
Basic dynamic load rating C	30.7 kN
operating temperature range:	-40 to +210 °F
radial static load capacity:	19 kN
Basic dynamic load rating - C	30.7 kN
radial dynamic load capacity:	30.7 kN
Thread grub screw G_2	3/8-24 UNF
Fatigue load limit P_u	0.8 kN
Calculation factor f_0	14
Fatigue load limit - P_u	0.8 kN
Calculation factor - f_0	14
Hexagonal key size for grub screw N	4.763 mm
Thread - G_2 - 3/8-24 UNF	3/824 UNF
Hexagonal key size for grub screw - H	4.762 mm
Limiting speed with shaft tolerance h6	4800 r/min
Basic static load rating	19 kN

C_0	
Basic static load rating - C_0	19 kN
Recommended tightening torque for grub screw	16.5 N·m