



Bearing No. YEL 210-115-2F

C	22 mm
B	49.2 mm
d	49.213 mm
D	90 mm
Noun	Bearing
Bore	1.938 Inch   49.225 Millimeter
UNSPSC	31171536
series:	YEL2
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	90x49.213x62.7
Inventory	0.0
Snap Ring	No
seal type:	Contact with Flinger
Width (mm)	62,7
bore type:	Round
Weight / LBS	2.05
Mass bearing	0.94 kg
maximum rpm:	4000 RPM
B <sub>1</sub>	62.7 mm
d <sub>1</sub>	62.51 mm
B <sub>4</sub>	6.75 mm
s <sub>1</sub>	38.1 mm
d <sub>2</sub>	67.2 mm
B <sub>4</sub>	6.75 mm
s <sub>1</sub>	38.1 mm
Product Group	M06110
d <sub>2</sub>	67.2 mm
Inch - Metric	Inch

B <sub>1</sub>	62.7 mm
bore diameter:	1.9375 in
Keyword String	Insert
Other Features	Single Row   Standard Duty   With Set Screw   Has Flinger
Bearing number	YEL 210-115-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Eccentric Collar
finish/coating:	Zinc Plated
Mounting Method	Eccentric Collar
Length Thru Bore	2.469 Inch   62.713 Millimeter
Long Description	1-15/16" Bore; Wide Inner Ring; Ball Bearing; 2.469" Length Thru Bore; 0.866" Outer Race Width; 3.543" Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Meth
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.866 Inch   21.996 Millimeter
Outside Diameter	3.543 Inch   89.992 Millimeter
bearing material:	Stainless Steel
outer ring width:	22 mm
outside diameter:	90 mm
inner ring width:	62.7 mm
Manufacturer Name	SKF
Weight / Kilogram	0.93
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical

Bore Diameter (mm)	90
Outer Diameter (mm)	49,213
r <sub>1,2</sub> min.	1 mm
Minimum Buy Quantity	N/A
Mass complete bearing	0.95 kg
d <sub>1</sub> ?	62.51 mm
r <sub>1,2</sub> - min.	1 mm
Harmonized Tariff Code	8482.10.50.00
Manufacturer Item Number	YEL 210-115-2F
Basic dynamic load rating C	35.1 kN
Limiting speed <sup>1)</sup>	4000 r/min
radial static load capacity:	23.2 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	35.1 kN
radial dynamic load capacity:	35.1 kN
Thread grub screw G <sub>2</sub>	3/8-24 UNF
Calculation factor f <sub>0</sub>	14
Fatigue load limit P <sub>u</sub>	0.98 kN
Fatigue load limit - P <sub>u</sub>	0.98 kN
Calculation factor - f <sub>0</sub>	14
Hexagonal key size for grub screw N	4.763 mm
Thread - G <sub>2</sub> - 3/8-24 UNF	3/824 UNF
Hexagonal key size for grub screw - H	4.762 mm
Limiting speed with shaft tolerance h6	4000 r/min
Basic static load rating	23.2 kN

$C_0$	
Basic static load rating - $C_0$	23.2 kN
Recommended tightening torque for grub screw	16.5 N·m