



Bearing No. YEL 207-107-2F

C	19 mm
B	37.6 mm
d	36.513 mm
D	72 mm
Noun	Bearing
Bore	1.438 Inch   36.525 Millimeter
UNSPSC	31171536
series:	YEL2
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	72x36.513x51.1
Inventory	0.0
Snap Ring	No
seal type:	Contact with Flinger
Width (mm)	51,1
bore type:	Round
Weight / LBS	1.15
Mass bearing	0.53 kg
maximum rpm:	5300 RPM
B <sub>1</sub>	51.1 mm
d <sub>1</sub>	46.1 mm
B <sub>4</sub>	6.75 mm
s <sub>1</sub>	32.3 mm
d <sub>2</sub>	51.1 mm
B <sub>4</sub>	6.75 mm
s <sub>1</sub>	32.3 mm
Product Group	M06110
d <sub>2</sub>	51.1 mm
Inch - Metric	Inch

B <sub>1</sub>	51.1 mm
bore diameter:	1.4375 in
Keyword String	Insert
Other Features	Single Row   Standard Duty   With Set Screw   Has Flinger
Bearing number	YEL 207-107-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Eccentric Collar
finish/coating:	Zinc Plated
Mounting Method	Eccentric Collar
Outer Race Width	0.748 Inch   18.999 Millimeter
Long Description	1-7/16" Bore; Wide Inner Ring; Ball Bearing; 2.012" Length Thru Bore; 0.748" Outer Race Width; 2.835" Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Metho
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Length Thru Bore	2.012 Inch   51.105 Millimeter
Outside Diameter	2.835 Inch   72.009 Millimeter
bearing material:	Stainless Steel
outer ring width:	19 mm
outside diameter:	72 mm
inner ring width:	51.1 mm
Manufacturer Name	SKF
Weight / Kilogram	0.52
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical

Bore Diameter (mm)	72
Outer Diameter (mm)	36,513
$r_{1,2}$ min.	1 mm
Minimum Buy Quantity	N/A
Mass complete bearing	0.51 kg
$d_1$ ?	46.1 mm
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.00
Manufacturer Item Number	YEL 207-107-2F
Basic dynamic load rating C	25.5 kN
Limiting speed <sup>1)</sup>	5300 r/min
radial static load capacity:	15.3 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	25.5 kN
radial dynamic load capacity:	25.5 kN
Thread grub screw $G_2$	3/8-24 UNF
Calculation factor $f_0$	14
Fatigue load limit $P_u$	0.655 kN
Fatigue load limit - $P_u$	0.655 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	5300 r/min
Basic static load rating	15.3 kN

$C_0$	
Basic static load rating - $C_0$	15.3 kN
Recommended tightening torque for grub screw	16.5 N·m