



Bearing No. YEL 211-200-2F

C	25 mm
B	55.6 mm
d	50.8 mm
D	100 mm
Noun	Bearing
Bore	2 Inch   50.8 Millimeter
UNSPSC	31171536
series:	YEL2
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	100x50.8x71.4
Inventory	0.0
Snap Ring	No
seal type:	Contact with Flinger
Width (mm)	71,4
bore type:	Round
Weight / LBS	3.09
Mass bearing	1.5 kg
maximum rpm:	3600 RPM
B <sub>1</sub>	71.4 mm
d <sub>1</sub>	69.06 mm
B <sub>4</sub>	7.9 mm
s <sub>1</sub>	43.6 mm
d <sub>2</sub>	74.5 mm
B <sub>4</sub>	7.9 mm
s <sub>1</sub>	43.6 mm
Product Group	M06110
d <sub>2</sub>	74.5 mm
Inch - Metric	Inch

B <sub>1</sub>	71.4 mm
bore diameter:	2.0000 in
Keyword String	Insert
Other Features	Single Row   Standard Duty   With Set Screw   Has Flinger
Bearing number	YEL 211-200-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Eccentric Collar
finish/coating:	Zinc Plated
Mounting Method	Eccentric Collar
Outer Race Width	0.984 Inch   24.994 Millimeter
Long Description	2" Bore; Wide Inner Ring; Ball Bearing; 2.811" Length Thru Bore; 63/64" Outer Race Width; 3.937" Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Method
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outside Diameter	3.937 Inch   100 Millimeter
Length Thru Bore	2.811 Inch   71.399 Millimeter
bearing material:	Stainless Steel
outer ring width:	25 mm
outside diameter:	3.9370 in
inner ring width:	71.4 mm
Manufacturer Name	SKF
Weight / Kilogram	1.507
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical

Bore Diameter (mm)	100
Outer Diameter (mm)	50,8
$r_{1,2}$ min.	1 mm
Minimum Buy Quantity	N/A
Mass complete bearing	1.5 kg
$d_1$ ?	69.06 mm
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.00
Manufacturer Item Number	YEL 211-200-2F
Basic dynamic load rating C	43.6 kN
Limiting speed <sup>1)</sup>	3600 r/min
radial static load capacity:	29 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	43.6 kN
radial dynamic load capacity:	43.6 kN
Thread grub screw $G_2$	7/16-20 UNF
Calculation factor $f_0$	14
Fatigue load limit $P_u$	1.25 kN
Fatigue load limit - $P_u$	1.2 kN
Calculation factor - $f_0$	14
Hexagonal key size for grub screw N	5.556 mm
Thread - $G_2$ - 7/16-20 UNF	7/1620 UNF
Hexagonal key size for grub screw - H	5.556 mm
Limiting speed with shaft tolerance h6	3600 r/min
Basic static load rating	29 kN

$C_0$	
Basic static load rating - $C_0$	29 kN
Recommended tightening torque for grub screw	28.5 N·m