



**Bearing No. YEL 207-2F**

C	19 mm
B	37.6 mm
d	35 mm
D	72 mm
Noun	Bearing
Bore	1.378 Inch   35 Millimeter
UNSPSC	31171536
series:	YEL2
Category	Insert Bearings
Snap Ring	No
Size (mm)	72x35x51.1
Inventory	0.0
Seal Type	M Seal
seal type:	Contact with Flinger
Width (mm)	51,1
bore type:	Round
Weight / LBS	1.21
Mass bearing	0.55 kg
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
d <sub>2</sub>	51.1 mm
Product Group	M06110
Inch - Metric	Metric
B <sub>1</sub>	51.1 mm

bore diameter:	35 mm
Keyword String	Insert
Other Features	Single Row   Standard Duty   With Set Screw   Has Flinger   Metric
Bearing number	YEL 207-2F
Relubricatable	Yes
Mounting Method	Eccentric Collar
locking device:	Eccentric Collar
finish/coating:	Black Oxide
Rolling Element	Ball Bearing
Length Thru Bore	2.012 Inch   51.1 Millimeter
Long Description	35MM Bore; Wide Inner Ring; Ball Bearing; 51.1MM Length Thru Bore; 19MM Outer Race Width; 72MM Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Method; No Snap Ring
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.748 Inch   19 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
inner ring width:	51.1 mm
outer ring width:	19 mm
outside diameter:	72 mm
bearing material:	Stainless Steel
Manufacturer Name	SKF
Weight / Kilogram	0.552
Inner Race Profile	Wide Inner Ring
Bore Diameter (mm)	72

Outer Race Profile	Spherical
Outer Diameter (mm)	35
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	1 mm
$d_1$ ?	46.1 mm
Mass complete bearing	0.54 kg
Thread - $G_2$	M10x1
Harmonized Tariff Code	8482.10.50.00
$r_{1,2}$ - min.	1 mm
Manufacturer Item Number	YEL 207-2F
Limiting speed <sup>1)</sup>	5300 r/min
Basic dynamic load rating C	25.5 kN
operating temperature range:	-40 to +210 °F
radial static load capacity:	15.3 kN
Basic dynamic load rating - C	25.5 kN
radial dynamic load capacity:	25.5 kN
Thread grub screw $G_2$	M10x1
Fatigue load limit $P_u$	0.655 kN
Calculation factor $f_0$	14
Fatigue load limit - $P_u$	0.655 kN
Calculation factor - $f_0$	14
Hexagonal key size for grub screw N	5 mm
Hexagonal key size for grub screw - H	5 mm
Limiting speed with shaft tolerance h6	5300 r/min
Basic static load rating $C_0$	15.3 kN

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