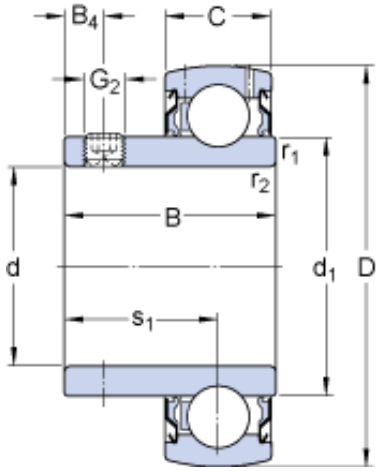
Loyal | YAT 211-200



Bearing No. YAT 211-200

D	100 mm
d	50.8 mm
B	45 mm
C	25 mm
Noun	Bearing
Bore	2 Inch | 50.8 Millimeter
UNSPSC	31171536
Category	Insert Bearings
Inventory	0.0
Seal Type	M Seal
Snap Ring	No
Size (mm)	100x50.8x45
Width (mm)	45
bore type:	Round
Mass bearing	1.05 kg
maximum rpm:	3600 RPM
Weight / LBS	2.09
Product Group	M06110
Inch - Metric	Inch
s_1	32.5 mm
B_4	9 mm
d_1	69.06 mm
B_4	9 mm
s_1	32.5 mm
Keyword String	Insert
Relubricatable	Yes
Other Features	Single Row | Standard Duty | Grub Screw
bore diameter:	2.0000 in
Bearing number	YAT 211-200

Mounting Method	Set Screw
Rolling Element	Ball Bearing
finish/coating:	Uncoated
locking device:	Set Screw
Outside Diameter	3.937 Inch | 100 Millimeter
Long Description	2" Bore; Narrow Inner Ring; Ball Bearing; 1.772" Length Thru Bore; 63/64" Outer Race Width; 3.937" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Manufacturer URL	http://www.skf.com
Length Thru Bore	1.772 Inch | 45.009 Millimeter
Outer Race Width	0.984 Inch | 24.994 Millimeter
outside diameter:	3.9370 in
Weight / Kilogram	0.95
Manufacturer Name	SKF
inner ring width:	45 mm
outer ring width:	25 mm
Bore Diameter (mm)	100
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Outer Diameter (mm)	50,8
$r_{1,2}$ min.	1 mm
Minimum Buy Quantity	N/A
d_1 ?	69.06 mm
Mass complete bearing	1 kg
Harmonized Tariff Code	8482.10.50.00
$r_{1,2}$ - min.	1 mm
Manufacturer Item	YAT 211-200

Number	
Basic dynamic load rating C	43.6 kN
Limiting speed[1)]	3600 r/min
radial static load capacity:	29 kN
radial dynamic load capacity:	43.6 kN
Basic dynamic load rating - C	43.6 kN
Thread grub screw G_2	3/8-24 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
Thread - G_2 - 3/8-24 UNF	3/824 UNF
Hexagonal key size for grub screw N	4.763 mm
Hexagonal key size for grub screw - H	4.762 mm
Basic static load rating C_0	29 kN
Limiting speed with shaft tolerance h6	3600 r/min
Basic static load rating - C_0	29 kN
Recommended tightening torque for grub screw	16.5 N·m