



Bearing No. YAR 204-2F

D	47 mm
d	20 mm
B	31 mm
C	14 mm
Noun	Bearing
Bore	0.787 Inch 20 Millimeter
UNSPSC	31171536
series:	YAR2
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	47x20x31
Inventory	4.0
Snap Ring	No
seal type:	Contact with Flinger
bore type:	Round
Width (mm)	31
Mass bearing	0.14 kg
Weight / LBS	0.309
maximum rpm:	8500 RPM
s ₁	18.3 mm
B ₄	4.5 mm
d ₁	28.2 mm
B ₄	4.5 mm
s ₁	18.3 mm
Product Group	M06110
Inch - Metric	Metric
bore diameter:	20 mm
Keyword String	Insert
Other Features	Single Row Standard

	Duty Grub Screw Has Flinger Metric
Bearing number	YAR 204-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Set Screw
finish/coating:	Zinc Plated
Mounting Method	Set Screw
Outside Diameter	1.85 Inch 47 Millimeter
Long Description	20MM Bore; Wide Inner Ring; Ball Bearing; 31MM Length Thru Bore; 14MM Outer Race Width; 47MM Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method; No Snap Ring
Length Thru Bore	1.22 Inch 31 Millimeter
Manufacturer URL	http://www.skf.com
Outer Race Width	0.551 Inch 14 Millimeter
inner ring width:	31 mm
bearing material:	Stainless Steel
outside diameter:	47 mm
outer ring width:	14 mm
Weight / Kilogram	0.14
Manufacturer Name	SKF
Inner Race Profile	Wide Inner Ring
Outer Race Profile	Spherical
Bore Diameter (mm)	47
Outer Diameter (mm)	20
r _{1,2} min.	0.6 mm
Minimum Buy Quantity	N/A
Mass complete bearing	0.15 kg

d ₁ ?	28.2 mm
Harmonized Tariff Code	8482.10.50.00
r _{1,2} - min.	0.6 mm
Thread - G ₂	M6x0.75
Manufacturer Item Number	YAR 204-2F
Basic dynamic load rating C	12.7 kN
Limiting speed ¹⁾	8500 r/min
operating temperature range:	-40 to +210 °F
radial static load capacity:	12.7 kN
radial dynamic load capacity:	14 kN
Basic dynamic load rating - C	12.7 kN
Thread grub screw G ₂	M6x0.75
Calculation factor f ₀	13
Fatigue load limit P _u	0.28 kN
Calculation factor - f ₀	13
Fatigue load limit - P _u	0.28 kN
Hexagonal key size for grub screw N	3 mm
Hexagonal key size for grub screw - H	3 mm
Basic static load rating C ₀	6.55 kN
Limiting speed with shaft tolerance h6	8500 r/min
Basic static load rating - C ₀	6.6 kN
Recommended tightening torque for grub screw	4 N·m

