



Bearing No. YAR 203-008-2F

D	40 mm
d	12.7 mm
B	27.4 mm
C	12 mm
Bore	0.5 Inch   12.7 Millimeter
Noun	Bearing
UNSPSC	31171536
Category	Insert Bearings
Snap Ring	No
Size (mm)	40x12.7x27.4
Inventory	0.0
Seal Type	M Seal
Width (mm)	27,4
seal type:	Contact with Flinger
bore type:	Round
Mass bearing	0.12 kg
maximum rpm:	9500 RPM
Weight / LBS	0.243
s <sub>1</sub>	15.9 mm
B <sub>4</sub>	4 mm
d <sub>1</sub>	24.2 mm
B <sub>4</sub>	4 mm
s <sub>1</sub>	15.9 mm
Inch - Metric	Inch
Product Group	M06110
bore diameter:	0.5000 in
Keyword String	Insert
Bearing number	YAR 203-008-2F
Other Features	Single Row   Standard Duty   Grub Screw   Has

	Flinger
Relubricatable	Yes
Mounting Method	Set Screw
Rolling Element	Ball Bearing
locking device:	Set Screw
finish/coating:	Uncoated
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Long Description	1/5" Bore; Wide Inner Ring; Ball Bearing; 1-5/64" Length Thru Bore; 0.472" Outer Race Width; 1.575" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Outside Diameter	1.575 Inch   40.005 Millimeter
Outer Race Width	0.472 Inch   11.989 Millimeter
Length Thru Bore	1.079 Inch   27.407 Millimeter
inner ring width:	27.4 mm
outer ring width:	12 mm
outside diameter:	1.5748 in
Manufacturer Name	SKF
Weight / Kilogram	0.11
Bore Diameter (mm)	40
Outer Race Profile	Spherical
Inner Race Profile	Wide Inner Ring
Outer Diameter (mm)	12,7
r <sub>1,2</sub> min.	0.3 mm
Minimum Buy Quantity	N/A
Mass complete bearing	0.12 kg
d <sub>1</sub> ?	24.2 mm
	0.3 mm

r<sup>1,2</sup> - min.

--	--

Harmonized Tariff Code	8482.10.50.00
Manufacturer Item Number	YAR 203-008-2F
Basic dynamic load rating C	9.56 kN
Limiting speed <sup>1)</sup>	9500 r/min
radial static load capacity:	4.75 kN
radial dynamic load capacity:	9.56 kN
Basic dynamic load rating - C	9.6 kN
Thread grub screw G <sub>2</sub>	#10-32 UNF
Fatigue load limit P <sub>u</sub>	0.2 kN
Calculation factor f <sub>0</sub>	13
Calculation factor - f <sub>0</sub>	13
Fatigue load limit - P <sub>u</sub>	0.2 kN
Hexagonal key size for grub screw N	2.381 mm
Thread - G <sub>2</sub> - #10-32 UNF	#1032 UNF
Hexagonal key size for grub screw - H	2.381 mm
Basic static load rating C <sub>0</sub>	4.75 kN
Limiting speed with shaft tolerance h6	9500 r/min
Basic static load rating - C <sub>0</sub>	4.8 kN
Recommended tightening torque for grub screw	4 N·m