



**Bearing No. YAT 205-014**

D	52 mm
d	22.225 mm
B	27.2 mm
C	15 mm
Bore	0.875 Inch   22.225 Millimeter
Noun	Bearing
UNSPSC	31171536
Category	Insert Bearings
Seal Type	M Seal
Size (mm)	52x22.225x27.2
Inventory	0.0
Snap Ring	No
Width (mm)	27,2
Weight / LBS	0.375
Mass bearing	0.17 kg
Inch - Metric	Inch
s <sub>1</sub>	19.5 mm
Product Group	M06110
B <sub>4</sub>	5 mm
d <sub>1</sub>	33.74 mm
B <sub>4</sub>	5 mm
s <sub>1</sub>	19.5 mm
Other Features	Single Row   Standard Duty   Grub Screw
Keyword String	Insert
Relubricatable	Yes
Bearing number	YAT 205-014
Rolling Element	Ball Bearing
Mounting Method	Set Screw

Outside Diameter	2.047 Inch   51.994 Millimeter
Long Description	7/8" Bore; Narrow Inner Ring; Ball Bearing; 1.071" Length Thru Bore; 0.591" Outer Race Width; 2.047" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Outer Race Width	0.591 Inch   15.011 Millimeter
Length Thru Bore	1.071 Inch   27.203 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Weight / Kilogram	0.17
Manufacturer Name	SKF
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Bore Diameter (mm)	52
Outer Diameter (mm)	22,225
r <sub>1,2</sub> min.	0.6 mm
Minimum Buy Quantity	N/A
Mass complete bearing	0.19 kg
d <sub>1</sub> ?	33.74 mm
Harmonized Tariff Code	8482.10.50.00
r <sub>1,2</sub> - min.	0.6 mm
Manufacturer Item Number	YAT 205-014
Limiting speed <sup>1)</sup>	7000 r/min
Basic dynamic load rating C	14 kN
Basic dynamic load rating - C	14 kN
Thread grub screw G <sub>2</sub>	1/4-28 UNF

Fatigue load limit $P_u$	0.335 kN
Calculation factor $f_0$	14
Fatigue load limit - $P_u$	0.335 kN
Calculation factor - $f_0$	14
Thread - $G_2$ - 1/4-28 UNF	1/428 UNF
Hexagonal key size for grub screw N	3.175 mm
Hexagonal key size for grub screw - H	3.175 mm
Limiting speed with shaft tolerance h6	7000 r/min
Basic static load rating $C_0$	7.8 kN
Basic static load rating - $C_0$	7.8 kN
Recommended tightening torque for grub screw	4 N·m