



BEARING MFG.CORP.

15.875 mm x 40 mm x 22.1 mm SKF YAT
203-010 Insert Bearings Spherical OD



Bearing No. YAT 203-010

YAT 203-010 Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	2.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.08
EAN	7316571504544
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	5/8" Bore; Narrow Inner Ring; Ball Bearing; 0.886" Length Thru Bore; 0.472" Outer Race Width; 1.575" Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method
Inch - Metric	Inch
Other Features	Single Row Standard Duty Grub Screw
Category	Insert Bearings
UNSPSC	31171536



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Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YAT 203-010
Weight / LBS	0.176
D	0.886 Inch 22.504 Millimeter
d	0.625 Inch 15.875 Millimeter
D	1.575 Inch 40.005 Millimeter
Outer Race Width	0.472 Inch 11.989 Millimeter
bore diameter:	0.6250 in
radial dynamic load capacity:	2149 lbf
outside diameter:	1.5748 in
radial static load capacity:	1068 lbf
outer ring width:	0.4724 in
finish/coating:	Uncoated
inner ring width:	0.8701 in
maximum rpm:	9500 rpm
bore type:	Round
series:	YAT
locking device:	Set Screw
manufacturer upc number:	7316571504544
d	15.875 mm
D	40 mm
B	22.1 mm
C	12 mm
d ₁	24.2 mm
B ₄	4 mm
r _{1,2} min.	0.3 mm



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s_1	15.9 mm
Basic dynamic load rating C	9.56 kN
Basic static load rating C_0	4.75 kN
Fatigue load limit P_u	0.2 kN
Limiting speed ¹⁾	9500 r/min
Calculation factor f_0	13
Mass complete bearing	0.09 kg
Thread grub screw G_2	#10-32 UNF
Hexagonal key size for grub screw N	2.381 mm
Recommended tightening torque for grub screw	4 N · m
Rubber seating ring	RIS 203