



BEARINGS(UK)LTD.



12.7 mm x 40 mm x 22.1 mm skf YAT 203-008
Insert bearings (Y-bearings)

Bearing No. YAT 203-008

YAT 203-008 Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.09
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	1/5" 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
Harmonized Tariff Code	8482.10.50.00



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Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YAT 203-008
Weight / LBS	0.201
d	0.5 Inch 12.7 Millimeter
D	1.575 Inch 40.005 Millimeter
D	0.886 Inch 22.504 Millimeter
Outer Race Width	0.472 Inch 11.989 Millimeter
bore diameter:	0.5000 in
radial dynamic load capacity:	9.56 kN
outside diameter:	1.5748 in
radial static load capacity:	4.75 kN
outer ring width:	12 mm
bearing material:	Stainless Steel
inner ring width:	22.5 mm
finish/coating:	Zinc Plated
bore type:	Round
maximum rpm:	9500 RPM
locking device:	Set Screw
series:	YAT2
d	12.7 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
s ₁	15.9 mm



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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	0.1 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