



PRECISION BEARING CORP.



25 mm x 52 mm x 21.5 mm skf yet 205 bearing

Bearing No. yet 205

yet 205 Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.19
EAN	7316577063052
Product Group	M06110
Inner Race Profile	Narrow Inner Ring
Outer Race Profile	Spherical
Relubricatable	Yes
Seal Type	M Seal
Mounting Method	Eccentric Collar
Rolling Element	Ball Bearing
Snap Ring	No
Long Description	25MM Bore; Narrow Inner Ring; Ball Bearing; 31MM Length Thru Bore; 15MM Outer Race Width; 52MM Outside Diameter; Relubricatable; M Seal Seal; Eccentric Collar Mounting Method; No Snap Ring
Inch - Metric	Metric
Other Features	Single Row Standard Duty With Set Screw Metric
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	YET 205
Weight / LBS	0.419
D	2.047 Inch 52 Millimeter
d	0.984 Inch 25 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
D	1.22 Inch 31 Millimeter
bore diameter:	25 mm
radial dynamic load capacity:	14 kN
outside diameter:	52 mm
radial static load capacity:	7.8 kN
outer ring width:	15 mm
bearing material:	Stainless Steel
inner ring width:	31 mm
finish/coating:	Black Oxide
bore type:	Round
maximum rpm:	7000 RPM
locking device:	Eccentric Collar
series:	YET2
d	25 mm
D	52 mm
B ₁	31 mm
B	21.5 mm
C	15 mm
d ₁	33.74 mm
d ₂	37.4 mm
B ₄	4.75 mm
r _{1,2} min.	0.6 mm
s ₁	23.5 mm
Basic dynamic load rating C	14 kN



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Basic static load rating C_0	7.8 kN
Fatigue load limit P_u	0.335 kN
Limiting speed ¹⁾	7000 r/min
Calculation factor f_0	14
Mass complete bearing	0.2 kg
Thread grub screw G_2	M6x0.75
Hexagonal key size for grub screw N	3 mm
Recommended tightening torque for grub screw	4 N · m
Rubber seating ring	RIS 205