



BEARING MFG.CORP.



25 mm x 52 mm x 34.1 mm SKF YAR 205-2F
Insert Bearings Spherical OD

Bearing No. YAR 205-2F

YAR 205-2F Bearing 2D drawings and 3D CAD models

Category	Insert Bearings Spherical OD
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	0.17
EAN	7316577030061
Product Group	M06110
Inner Race Profile	Wide 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	25MM Bore; Wide Inner Ring; Ball Bearing; 34.1MM Length Thru Bore; 15MM Outer Race Width; 52MM Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method; No Snap Ring
Inch - Metric	Metric
Other Features	Single Row Standard Duty Grub Screw Has Flinger Metric
Category	Insert Bearings



BEARING MFG.CORP.

UNSPSC	31171536
Harmonized Tariff Code	8482.10.50.00
Noun	Bearing
Keyword String	Insert
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	YAR 205-2F
Weight / LBS	0.375
Outer Race Width	0.591 Inch 15 Millimeter
D	2.047 Inch 52 Millimeter
d	0.984 Inch 25 Millimeter
D	1.343 Inch 34.1 Millimeter
bore diameter:	25 mm
radial dynamic load capacity:	15 kN
outside diameter:	52 mm
radial static load capacity:	14 kN
outer ring width:	15 mm
bearing material:	Stainless Steel
inner ring width:	34.1 mm
finish/coating:	Zinc Plated
bore type:	Round
maximum rpm:	7000 RPM
locking device:	Set Screw
seal type:	Contact with Flinger
operating temperature range:	-40 to +210 ° F
series:	YAR2
d	25 mm
D	52 mm
B	34.1 mm
C	15 mm
d ₁	33.74 mm
B ₄	5 mm



BEARING MFG.CORP.

$r_{1,2}$ min.	0.6 mm
s_1	19.8 mm
Basic dynamic load rating C	14 kN
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	0.19 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