



Bearing No. YAR 205-2RF

D	52 mm
d	25 mm
B	34.1 mm
C	15 mm
Noun	Bearing
Bore	0.984 Inch 25 Millimeter
UNSPSC	31171536
Category	Insert Bearings
Seal Type	Multi Function Seal
Size (mm)	52x25x34.1
Inventory	0.0
Snap Ring	No
seal type:	Contact Seal,NBR, Rubberized Flinger on Both sides
Width (mm)	34,1
bore type:	Round
maximum rpm:	4300 rpm
Mass bearing	0.17 kg
Weight / LBS	0.375
Inch - Metric	Metric
Product Group	M06110
s ₁	19.8 mm
B ₄	5 mm
s ₁	19.8 mm
d ₁	33.74 mm
B ₄	5 mm
Other Features	Single Row Standard Duty Grub Screw Has Flinger Metric

bore diameter:	25 mm
overall width:	34.1 mm
Keyword String	Insert
Bearing number	YAR 205-2RF
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Set Screw
Mounting Method	Set Screw
Manufacturer URL	http://www.skf.com
Long Description	25MM Bore; Wide Inner Ring; Ball Bearing; 34.1MM Length Thru Bore; 15MM Outer Race Width; 52MM Outside Diameter; Relubricatable; Multi Function Seal Seal; Set Screw Mounting Method; No Snap Ring
Outside Diameter	2.047 Inch 52 Millimeter
Outer Race Width	0.591 Inch 15 Millimeter
Length Thru Bore	1.343 Inch 34.1 Millimeter
inner ring width:	34.1 mm
outside diameter:	52 mm
outer ring width:	15 mm
Weight / Kilogram	0.17
Manufacturer Name	SKF
Outer Race Profile	Spherical
Bore Diameter (mm)	52
Inner Race Profile	Wide Inner Ring
Outer Diameter (mm)	25
r _{1,2} min.	0.6 mm
Minimum Buy Quantity	N/A

Mass complete bearing	0.19 kg
d_1 ?	33.74 mm
Thread - G_2	M6x0.75
Harmonized Tariff Code	8482.10.50.00
$r_{1,2}$ - min.	0.6 mm
manufacturer upc number:	7316571082790
Manufacturer Item Number	YAR 205-2RF
manufacturer product page:	Click here
Limiting speed ¹⁾	4300 r/min
Basic dynamic load rating C	14 kN
radial static load capacity:	1754 lbf
radial dynamic load capacity:	3147 lbf
Basic dynamic load rating - C	14 kN
Thread grub screw G_2	M6x0.75
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
Hexagonal key size for grub screw N	3 mm
Hexagonal key size for grub screw - H	3 mm
Limiting speed with shaft tolerance h6	4300 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
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