



	Duty   Grub Screw   Has Flinger   Metric
Bearing number	YAR 210-2F
Relubricatable	Yes
Rolling Element	Ball Bearing
locking device:	Set Screw
finish/coating:	Zinc Plated
Mounting Method	Set Screw
Outside Diameter	3.543 Inch   90 Millimeter
Long Description	50MM Bore; Wide Inner Ring; Ball Bearing; 51.6MM Length Thru Bore; 22MM Outer Race Width; 90MM Outside Diameter; Relubricatable; M Seal Seal; Set Screw Mounting Method; No Snap Ring
Length Thru Bore	2.031 Inch   51.6 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.866 Inch   22 Millimeter
inner ring width:	51.6 mm
bearing material:	Stainless Steel
outside diameter:	90 mm
outer ring width:	22 mm
Manufacturer Name	SKF
Weight / Kilogram	0.69
Outer Race Profile	Spherical
Bore Diameter (mm)	90
Inner Race Profile	Wide Inner Ring
Outer Diameter (mm)	50
Minimum Buy Quantity	N/A

$r_{1,2}$ min.	1 mm
Mass complete bearing	0.76 kg
$d_1$ ?	62.51 mm
Thread - $G_2$	M10x1
$r_{1,2}$ - min.	1 mm
Harmonized Tariff Code	8482.10.50.00
Manufacturer Item Number	YAR 210-2F
Basic dynamic load rating C	35.1 kN
Limiting speed <sup>1)</sup>	4000 r/min
radial static load capacity:	23.2 kN
operating temperature range:	-40 to +210 °F
Basic dynamic load rating - C	35.1 kN
radial dynamic load capacity:	35.1 kN
Thread grub screw $G_2$	M10x1
Fatigue load limit $P_u$	0.98 kN
Calculation factor $f_0$	14
Fatigue load limit - $P_u$	0.98 kN
Calculation factor - $f_0$	14
Hexagonal key size for grub screw N	5 mm
Hexagonal key size for grub screw - H	5 mm
Limiting speed with shaft tolerance h6	4000 r/min
Basic static load rating $C_0$	23.2 kN
Basic static load rating - $C_0$	23.2 kN
Recommended	16.5 N·m

tightening torque for grub screw	
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