



NTN Bearing Rolamentos do Brasil Ltda.



8 mm x 22 mm x 11 mm SKF 630/8-2RS1 Deep Groove Ball Bearings

Bearing No. 630/8-2RS1

630/8-2RS1 Bearing 2D drawings and 3D CAD models

Size	8x22x11 mm
Bore Diameter	8 mm
Outer Diameter	22 mm
Width	11 mm
d	8 mm
D	22 mm
B	11 mm
C	11 mm
d1	11,8 mm
d2	– mm
r1 min.	10 mm
r2 min.	10 mm
D1	19 mm
D2	0,3 mm
da min.	11,7 mm
Da max.	20 mm
ra max.	0,3 mm
Weight	0,016 Kg
Basic dynamic load rating (C)	3,45 kN
Basic static load rating (C0)	1,37 kN
Fatigue load limit (Pu)	0,057
Reference speed	– r/min
Limiting speed	22000 r/min
Calculation factor (f0)	12
Category	Single Row Ball Bearings



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Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.02
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	8MM Bore; 22MM Outside Diameter; 11MM Outer Race Diameter; 2 Seals; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	630/8-2RS1
Weight / LBS	0.044
Bore	0.315 Inch 8 Millimeter
Outside Diameter	0.866 Inch 22 Millimeter
Outer Race Width	0.433 Inch 11 Millimeter



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bore diameter:	8 mm
static load capacity:	1.37 kN
outside diameter:	22 mm
precision rating:	Not Rated
overall width:	11 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Sealed
outer ring width:	11 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.3 mm
internal clearance:	C0
maximum rpm:	22000 RPM
operating temperature range:	-40 to +210 ° F
series:	63
dynamic load capacity:	3.45 kN
d_1	11.8 mm
D_2	19 mm
$r_{1,2}$ min.	0.3 mm
d_a min.	10 mm
d_a max.	11.7 mm
D_a max.	20 mm
r_a max.	0.3 mm
Basic dynamic load rating C	3.45 kN
Basic static load rating C_0	1.37 kN
Fatigue load limit P_u	0.057 kN
Calculation factor k_r	0.025
Calculation factor f_0	12
Mass bearing	0.016 kg