



BEARINGS(UK)LTD.



5 mm x 11 mm x 4 mm skf 628/5-2Z Deep groove ball bearings

Bearing No. 628/5-2Z

628/5-2Z Bearing 2D drawings and 3D CAD models

Size	11x5x4 mm
Bore Diameter	11 mm
Outer Diameter	5 mm
Width	4 mm
d	5 mm
D	11 mm
B	4 mm
d ₁	6.81 mm
D ₂	9.9 mm
r _{1,2} - min.	0.15 mm
d _a - min.	5.8 mm
d _a - max.	6.7 mm
D _a - max.	10.2 mm
r _a - max.	0.1 mm
Basic dynamic load rating - C	0.64 kN
Basic static load rating - C ₀	0.26 kN
Fatigue load limit - P _u	0.011 kN
Reference speed	120000 r/min
Limiting speed	60000 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	11
Size	11x5x4 mm
Bore Diameter	11 mm
Outer Diameter	5 mm



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Width	4 mm
d	5 mm
D	11 mm
B	4 mm
d ₁	6.81 mm
D ₂	9.9 mm
r _{1,2} - min.	0.15 mm
d _a - min.	5.8 mm
d _a - max.	6.7 mm
D _a - max.	10.2 mm
r _a - max.	0.1 mm
Basic dynamic load rating - C	0.64 kN
Basic static load rating - C ₀	0.26 kN
Fatigue load limit - P _u	0.011 kN
Reference speed	120000 r/min
Limiting speed	60000 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	11
Category	Single Row Ball Bearings
Inventory	700.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.002
Product Group	B00308
Enclosure	2 Metal Shields
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No



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Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	5MM Bore; 11MM Outside Diameter; 4MM Outer Race Width; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel
Other Features	Deep Groove
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	628/5-2Z
Weight / LBS	0.009
Bore	0.197 Inch 5 Millimeter
Outer Race Width	0.157 Inch 4 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Outside Diameter	0.433 Inch 11 Millimeter
d_1	6.81 mm
D_2	9.9 mm
$r_{1,2}$ min.	0.15 mm
d_a min.	5.8 mm
d_a max.	6.7 mm
D_a max.	10.2 mm
r_a max.	0.1 mm
Basic dynamic load rating C	0.468 kN
Basic static load rating C_0	0.143 kN
Fatigue load limit P_u	0.006 kN



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Calculation factor k_r	0.015
Calculation factor f_0	7.1
Mass bearing	0.0031 kg