



Bearing No. 628/7-2Z

B	5 mm
C	5 mm
d	7 mm
D	14 mm
D2	0,15 mm
D1	12,7 mm
d1	– mm
d2	8,5 mm
Noun	Bearing
Bore	0.276 Inch 7 Millimeter
UNSPSC	31171504
Weight	0,0031 Kg
r1 min.	7,8 mm
r2 min.	7,8 mm
da min.	8 mm
Da max.	13,2 mm
ra max.	0,1 mm
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	7x14x5
Snap Ring	No
Enclosure	2 Metal Shields
Width (mm)	5
Weight / LBS	0.01
Mass bearing	0.0031 kg
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
Keyword String	Ball
Bearing number	628/7-2Z

Limiting speed	34000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	70000 r/min
Rolling Element	Ball Bearing
Outer Race Width	0.197 Inch 5 Millimeter
Outside Diameter	0.551 Inch 14 Millimeter
Manufacturer URL	http://www.skf.com
Long Description	7MM Bore; 14MM Outside Diameter; 5MM Outer Race Diameter; 2 Metal Shields; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Weight / Kilogram	0.003
Manufacturer Name	SKF
Internal Clearance	C0-Medium
Bore Diameter (mm)	7
r_a max.	0.1 mm
D_a max.	13.2 mm
d_a max.	8 mm
d_a min.	7.8 mm
Outer Diameter (mm)	14
Minimum Buy Quantity	N/A
$r_{1,2}$ min.	0.15 mm
D_2 ?	12.7 mm
d_2 ?	8.5 mm
Harmonized Tariff Code	8482.10.50.68
Calculation factor (f0)	11
Fatigue load limit (Pu)	0,017
Manufacturer Item Number	628/7-2Z
Internal Special	No

Features	
Basic dynamic load rating C	0.78 kN
Basic dynamic load rating (C)	0,956 kN
Basic static load rating (C0)	0,4 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.011 kN
Calculation factor k_r	0.015
Calculation factor f_0	7.2
Basic static load rating C_0	0.26 kN