



Bearing No. 628/8-2Z

D	16 mm
d	8 mm
B	5 mm
C	5 mm
D1	14,2 mm
D2	0,2 mm
d1	10,1 mm
d2	– mm
Bore	0.315 Inch 8 Millimeter
Noun	Bearing
UNSPSC	31171504
Weight	0,0036 Kg
r2 min.	9,4 mm
r1 min.	9,4 mm
da min.	10 mm
Da max.	14,6 mm
ra max.	0,2 mm
series:	62
Category	Single Row Ball Bearing
Inventory	0.0
Size (mm)	8x16x5
Snap Ring	No
Enclosure	2 Metal Shields
Width (mm)	5
bore type:	Round
Weight / LBS	0.013
Mass bearing	0.0036 kg
maximum rpm:	45000 RPM
Product Group	B00308
closure type:	Double Shielded

Cage Material	Steel
Inch - Metric	Metric
bore diameter:	8 mm
overall width:	5 mm
Keyword String	Ball
cage material:	Steel
fillet radius:	0.2 mm
Bearing number	628/8-2Z
Other Features	Deep Groove
Limiting speed	45000 r/min
Precision Class	ABEC 1 ISO P0
Reference speed	90000 r/min
finish/coating:	Uncoated
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	0.63 Inch 16 Millimeter
Outer Race Width	0.197 Inch 5 Millimeter
Inner Race Width	0 Inch 0 Millimeter
Long Description	8MM Bore; 16MM Outside Diameter; 5MM 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
Weight / Kilogram	0.005
Manufacturer Name	SKF
outer ring width:	5 mm
outside diameter:	16 mm
precision rating:	ABEC 3 (ISO Class 6)
D _a max.	14.6 mm
r _a max.	0.2 mm

d _a max.	10 mm
Bore Diameter (mm)	8
d _a min.	9.4 mm
Internal Clearance	C0-Medium
Outer Diameter (mm)	16
internal clearance:	C0
r _{1,2} min.	0.2 mm
Minimum Buy Quantity	N/A
D ₂ ?	14.2 mm
static load capacity:	0.57 kN
row type & fill slot:	Single Row Non-Fill Slot
d ₁ ?	10.1 mm
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	1.33 kN
Fatigue load limit (P _u)	0,024
Calculation factor (f ₀)	11
Manufacturer Item Number	628/8-2Z
Internal Special Features	No
Basic dynamic load rating C	1.21 kN
Basic static load rating (C ₀)	0,57 kN
Basic dynamic load rating (C)	1,33 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P _u	0.019 kN
Calculation factor k _r	0.015
Calculation factor f ₀	8.9
Basic static load rating C ₀	0.455 kN