



**SKF Stainless Steel Deep Groove Ball Bearing W  
628/8-2z**

Bearing No. 628/8-2z

628/8-2z Bearing 2D drawings and 3D CAD models

Size	8x16x5 mm
Bore Diameter	8 mm
Outer Diameter	16 mm
Width	5 mm
d	8 mm
D	16 mm
B	5 mm
C	5 mm
d1	10,1 mm
d2	– mm
r1 min.	9,4 mm
r2 min.	9,4 mm
D1	14,2 mm
D2	0,2 mm
da min.	10 mm
Da max.	14,6 mm
ra max.	0,2 mm
Weight	0,0036 Kg
Basic dynamic load rating (C)	1,33 kN
Basic static load rating (C0)	0,57 kN
Fatigue load limit (Pu)	0,024
Reference speed	90000 r/min
Limiting speed	45000 r/min
Calculation factor (f0)	11
Category	Single Row Ball Bearings



## Y.S INTERNATIONAL IMPORT&EXPORT CO., ...

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.005
EAN	7316577122223
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
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	628/8-2Z
Weight / LBS	0.013
Outside Diameter	0.63 Inch   16 Millimeter
Outer Race Width	0.197 Inch   5 Millimeter



## Y.S INTERNATIONAL IMPORT&EXPORT CO., ...

Bore	0.315 Inch   8 Millimeter
Inner Race Width	0 Inch   0 Millimeter
bore diameter:	8 mm
static load capacity:	0.57 kN
outside diameter:	16 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	5 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Double Shielded
outer ring width:	5 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	0.2 mm
internal clearance:	C0
maximum rpm:	45000 RPM
dynamic load capacity:	1.33 kN
series:	62
$d_1$	10.1 mm
$D_2$	14.2 mm
$r_{1,2}$ min.	0.2 mm
$d_a$ min.	9.4 mm
$d_a$ max.	10 mm
$D_a$ max.	14.6 mm
$r_a$ max.	0.2 mm
Basic dynamic load rating C	1.21 kN
Basic static load rating $C_0$	0.455 kN
Fatigue load limit $P_u$	0.019 kN
Calculation factor $k_r$	0.015
Calculation factor $f_0$	8.9
Mass bearing	0.0036 kg