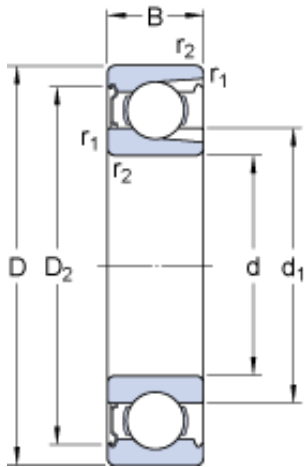




BEARING DRIVESHAFT, INC.



80 mm x 140 mm x 26 mm SKF 216-Z deep groove ball bearings

Bearing No. 216-Z

216-Z Bearing 2D drawings and 3D CAD models

Size	140x80x26 mm
Bore Diameter	140 mm
Outer Diameter	80 mm
Width	26 mm
d	80 mm
D	140 mm
B	26 mm
d ₁	95.83 mm
D ₂	126.5 mm
r _{1,2} - min.	2 mm
d _a - min.	88.8 mm
d _a - max.	88.8 mm
D _a - max.	129 mm
r _a - max.	2 mm
Basic dynamic load rating - C	88 kN
Basic static load rating - C ₀	85 kN
Fatigue load limit - P _u	3.4 kN
Reference speed	8500 r/min
Limiting speed	5000 r/min
Calculation factor - k _r	0.04
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



BEARING DRIVESHAFT, INC.

Weight / Kilogram	1.52
Product Group	B00308
Enclosure	1 Metal Shield
Precision Class	ABEC 1 ISO P0
Maximum Capacity / Filling Slot	Yes
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	80MM Bore; 140MM Outside Diameter; 26MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; Yes 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	216 Z
Weight / LBS	3.53
Bore	3.15 Inch 80 Millimeter
Outside Diameter	5.512 Inch 140 Millimeter
Outer Race Width	1.024 Inch 26 Millimeter
bore diameter:	80 mm
static load capacity:	85 kN
outside diameter:	140 mm
precision rating:	ABEC 1 (ISO Class Normal)



BEARING DRIVESHAFT, INC.

overall width:	26 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Single Shield
outer ring width:	26 mm
row type & fill slot:	Single Row Filling Slot
fillet radius:	2 mm
snap ring included:	Without Snap Ring
maximum rpm:	5000 RPM
internal clearance:	C0
series:	21
dynamic load capacity:	88 kN
thrust application warning:	This product can not be used in Thrust Applications
d_1	95.83 mm
D_2	126.5 mm
$r_{1,2}$ min.	2 mm
d_a min.	88.8 mm
d_a max.	88.8 mm
D_a max.	129 mm
r_a max.	2 mm
Basic dynamic load rating C	88 kN
Basic static load rating C_0	85 kN
Fatigue load limit P_u	3.45 kN
Calculation factor k_r	0.04
Mass bearing	1.55 kg