



PCIF BEARING LIMITED



140 mm x 175 mm x 18 mm skf 61828 bearing

Bearing No. 61828

61828 Bearing 2D drawings and 3D CAD models

Size	175x140x18 mm
Bore Diameter	175 mm
Outer Diameter	140 mm
Width	18 mm
d	140 mm
D	175 mm
B	18 mm
d ₁	150.7 mm
D ₂	166.7 mm
r _{1,2} - min.	2.5 mm
d _a - min.	146 mm
D _a - max.	169 mm
r _a - max.	1 mm
Basic dynamic load rating - C	39 kN
Basic static load rating - C ₀	46.5 kN
Fatigue load limit - P _u	1.7 kN
Reference speed	7500 r/min
Limiting speed	4500 r/min
Calculation factor - k _r	0.015
Calculation factor - f ₀	16
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.89



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EAN	7316576641893
Product Group	B00308
Enclosure	Open
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	140MM Bore; 175MM Outside Diameter; 18MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No 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	61828
Weight / LBS	1.97
Outside Diameter	6.89 Inch 175 Millimeter
Outer Race Width	0.709 Inch 18 Millimeter
Bore	5.512 Inch 140 Millimeter
bore diameter:	140 mm
static load capacity:	46.5 kN
outside diameter:	175 mm
precision rating:	Not Rated



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overall width:	18 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	18 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	4500 RPM
internal clearance:	C0
series:	61
dynamic load capacity:	39 kN
d_1	150.7 mm
D_2	166.7 mm
$r_{1,2}$ min.	2.5 mm
d_a min.	146 mm
D_a max.	169 mm
r_a max.	1 mm
Basic dynamic load rating C	39 kN
Basic static load rating C_0	46.5 kN
Fatigue load limit P_u	1.66 kN
Calculation factor k_r	0.015
Calculation factor f_0	16
Mass bearing	0.82 kg