



Bearing No. 6306-Z

D	72 mm
d	30 mm
B	19 mm
Bore	1.181 Inch 30 Millimeter
Noun	Bearing
UNSPSC	31171504
Category	Single Row Ball Bearing
Inventory	0.0
Enclosure	1 Metal Shield
Size (mm)	72x30x19
Snap Ring	No
Width (mm)	19
Mass bearing	0.35 kg
Weight / LBS	0.8
Inch - Metric	Metric
Cage Material	Steel
D ₂	61.88 mm
d ₁	44.6 mm
Product Group	B00308
Keyword String	Ball
Bearing number	6306-Z
Limiting speed	13000 r/min
Reference speed	20000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Manufacturer URL	http://www.skf.com
Outside Diameter	2.835 Inch 72 Millimeter
Long Description	30MM Bore; 72MM Outside Diameter;

	19MM Outer Race Diameter; 1 Metal Shield; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.748 Inch 19 Millimeter
Manufacturer Name	SKF
Weight / Kilogram	0.357
d_a max.	44.5 mm
Internal Clearance	C0-Medium
d_a min.	37 mm
D_a max.	65 mm
Bore Diameter (mm)	72
r_a max.	1 mm
Outer Diameter (mm)	30
$r_{1,2}$ min.	1.1 mm
D_a - max.	65 mm
d_a - min.	37 mm
d_a - max.	44.5 mm
r_a - max.	1 mm
Minimum Buy Quantity	N/A
d_1 ?	44.6 mm
D_2 ?	61.88 mm
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.1 mm
Manufacturer Item Number	6306-Z
Internal Special Features	No
Basic dynamic load rating C	29.6 kN
Basic dynamic load rating - C	29.6 kN

Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.67 kN
Calculation factor k_r	0.03
Calculation factor f_0	13.1
Calculation factor - k_r	0.03
Fatigue load limit - P_u	0.67 kN
Calculation factor - f_0	13.1
Basic static load rating C_0	16 kN
Basic static load rating - C_0	16 kN