



# KBJ Hydraulic Pump Technology Co., Ltd.



6306 Bearing 2D drawings and 3D CAD models

## skf 6306 bearing

Bearing No. 6306

Size	72x30x19 mm
Bore Diameter	72 mm
Outer Diameter	30 mm
Width	19 mm
d	30 mm
D	72 mm
B	19 mm
d <sub>1</sub>	44.6 mm
D <sub>2</sub>	61.88 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	37 mm
D <sub>a</sub> - max.	65 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	29.6 kN
Basic static load rating - C <sub>0</sub>	16 kN
Fatigue load limit - P <sub>u</sub>	0.67 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.36



## KBJ Hydraulic Pump Technology Co., Ltd.

EAN	7316577738608
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	30MM Bore; 72MM Outside Diameter; 19MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6306
Weight / LBS	0.79
Bore	1.181 Inch   30 Millimeter
Outer Race Width	0.748 Inch   19 Millimeter
Outside Diameter	2.835 Inch   72 Millimeter
d <sub>1</sub>	44.6 mm
D <sub>2</sub>	61.88 mm
r <sub>1,2</sub> min.	1.1 mm
d <sub>a</sub> min.	37 mm



## KBJ Hydraulic Pump Technology Co., Ltd.

$D_a$ max.	65 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	29.6 kN
Basic static load rating $C_0$	16 kN
Fatigue load limit $P_u$	0.67 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.1
Mass bearing	0.35 kg