



BROWNING BEARING COMPANY



30 mm x 90 mm x 23 mm skf 6406 bearing

Bearing No. 6406

6406 Bearing 2D drawings and 3D CAD models

Size	90x30x23 mm
Bore Diameter	90 mm
Outer Diameter	30 mm
Width	23 mm
d	30 mm
D	90 mm
B	23 mm
d ₁	50.34 mm
D ₁	69.65 mm
r _{1,2} - min.	1.5 mm
d _a - min.	41 mm
D _a - max.	79 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	43.6 kN
Basic static load rating - C ₀	23.6 kN
Fatigue load limit - P _u	1 kN
Reference speed	18000 r/min
Limiting speed	11000 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.1
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.755



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EAN	7316576619922
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; 90MM Outside Diameter; 23MM 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	6406
Weight / LBS	1.662
Bore	1.181 Inch 30 Millimeter
Outside Diameter	3.543 Inch 90 Millimeter
Outer Race Width	0.906 Inch 23 Millimeter
bore diameter:	30 mm
static load capacity:	23.6 kN
outside diameter:	90 mm
precision rating:	ABEC 3 (ISO Class 6)



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overall width:	23 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	23 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	11000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	43.6 kN
d_1	50.34 mm
D_1	69.65 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	41 mm
D_a max.	79 mm
r_a max.	1.5 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C_0	23.6 kN
Fatigue load limit P_u	1 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Mass bearing	0.75 kg