



BEARING-MALAYSIA SDN.BHD.



30 mm x 90 mm x 23 mm SKF 6406 deep groove ball bearings

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



BEARING-MALAYSIA SDN.BHD.

Weight / Kilogram	0.755
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)



BEARING-MALAYSIA SDN.BHD.

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