



JAPAN IMPORTED BEARINGS CO., LTD



6403 Bearing 2D drawings and 3D CAD models

High Standard Own Factory Deep Groove Ball Bearings/Auto Bearing SKF/ NSK/ NTN/Timken
6403 6405 6407 6409

Bearing No. 6403

Size	62x17x17 mm
Bore Diameter	62 mm
Outer Diameter	17 mm
Width	17 mm
d	17 mm
D	62 mm
B	17 mm
d ₁	32.4 mm
D ₂	48.7 mm
r _{1,2} - min.	1.1 mm
d _a - min.	23.5 mm
D _a - max.	55.5 mm
r _a - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C ₀	10.8 kN
Fatigue load limit - P _u	0.455 kN
Reference speed	28000 r/min
Limiting speed	18000 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	11
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF



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Minimum Buy Quantity	N/A
Weight / Kilogram	0.279
EAN	7316577117151
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	17MM Bore; 62MM Outside Diameter; 17MM 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	6403
Weight / LBS	0.61
Bore	0.669 Inch 17 Millimeter
Outer Race Width	0.669 Inch 17 Millimeter
Outside Diameter	2.441 Inch 62 Millimeter
bore diameter:	17 mm
static load capacity:	10.8 kN



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outside diameter:	62 mm
precision rating:	ABEC 3 (ISO Class 6)
overall width:	17 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	17 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1 mm
snap ring included:	Without Snap Ring
maximum rpm:	18000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	22.9 kN
d_1	32.4 mm
D_2	48.7 mm
$r_{1,2}$ min.	1.1 mm
d_a min.	23.5 mm
D_a max.	55.5 mm
r_a max.	1 mm
Basic dynamic load rating C	22.9 kN
Basic static load rating C_0	10.8 kN
Fatigue load limit P_u	0.455 kN
Calculation factor k_r	0.035
Calculation factor f_0	11
Mass bearing	0.27 kg