



## BEARING DRIVESHAFT, INC.



17 mm x 62 mm x 17 mm skf 6403 bearing

Bearing No. 6403

6403 Bearing 2D drawings and 3D CAD models

Size	62x17x17 mm
Bore Diameter	62 mm
Outer Diameter	17 mm
Width	17 mm
d	17 mm
D	62 mm
B	17 mm
d <sub>1</sub>	32.4 mm
D <sub>2</sub>	48.7 mm
r <sub>1,2</sub> - min.	1.1 mm
d <sub>a</sub> - min.	23.5 mm
D <sub>a</sub> - max.	55.5 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	22.9 kN
Basic static load rating - C <sub>0</sub>	10.8 kN
Fatigue load limit - P <sub>u</sub>	0.455 kN
Reference speed	28000 r/min
Limiting speed	18000 r/min
Calculation factor - k <sub>r</sub>	0.035
Calculation factor - f <sub>0</sub>	11
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.279



## BEARING DRIVESHAFT, INC.

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	<a href="http://www.skf.com">http://www.skf.com</a>
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
outside diameter:	62 mm
precision rating:	ABEC 3 (ISO Class 6)



## BEARING DRIVESHAFT, INC.

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