



**Bearing No. 6403**

D	62 mm
d	17 mm
B	17 mm
Bore	0.669 Inch   17 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	62x17x17
Snap Ring	No
Width (mm)	17
bore type:	Round
Weight / LBS	0.61
Mass bearing	0.27 kg
maximum rpm:	18000 RPM
closure type:	Open
D <sub>2</sub>	48.7 mm
d <sub>1</sub>	32.4 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	17 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	1 mm
overall width:	17 mm
Bearing number	6403

Limiting speed	18000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1   ISO P0
Rolling Element	Ball Bearing
Reference speed	28000 r/min
Outside Diameter	2.441 Inch   62 Millimeter
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Outer Race Width	0.669 Inch   17 Millimeter
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
Manufacturer Name	SKF
Weight / Kilogram	0.279
outer ring width:	17 mm
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	62 mm
Internal Clearance	C0-Medium
D <sub>a</sub> max.	55.5 mm
Bore Diameter (mm)	62
d <sub>a</sub> min.	23.5 mm
r <sub>a</sub> max.	1 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	17
Minimum Buy Quantity	N/A
r <sub>a</sub> - max.	1 mm
D <sub>a</sub> - max.	55.5 mm
d <sub>a</sub> - min.	23.5 mm

$r_{1,2}$ min.	1.1 mm
static load capacity:	10.8 kN
$d_1$ ?	32.4 mm
$D_2$ ?	48.7 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	22.9 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.1 mm
Manufacturer Item Number	6403
Internal Special Features	No
Basic dynamic load rating C	22.9 kN
Basic dynamic load rating - C	22.9 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit $P_u$	0.455 kN
Calculation factor $k_r$	0.035
Calculation factor $f_0$	11
Fatigue load limit - $P_u$	0.455 kN
Calculation factor - $k_r$	0.035
Calculation factor - $f_0$	11
Basic static load rating $C_0$	10.8 kN
Basic static load rating - $C_0$	10.8 kN