



# USK BEARING COMPANY



30 mm x 62 mm x 16 mm skf 6206 ETN9 Deep groove ball bearings

Bearing No. 6206 ETN9

6206 ETN9 Bearing 2D drawings and 3D CAD models

Size	62x30x16 mm
Bore Diameter	62 mm
Outer Diameter	30 mm
Width	16 mm
d	30 mm
D	62 mm
B	16 mm
d <sub>1</sub>	39.5 mm
D <sub>1</sub>	52.9 mm
r <sub>1,2</sub> - min.	1 mm
d <sub>a</sub> - min.	35.6 mm
D <sub>a</sub> - max.	56.4 mm
r <sub>a</sub> - max.	1 mm
Basic dynamic load rating - C	23.4 kN
Basic static load rating - C <sub>0</sub>	12.9 kN
Fatigue load limit - P <sub>u</sub>	0.54 kN
Reference speed	24000 r/min
Limiting speed	15000 r/min
Calculation factor - k <sub>r</sub>	0.025
Calculation factor - f <sub>0</sub>	13
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



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Weight / Kilogram	0.19
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	Polyamide
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	30MM Bore; 62MM Outside Diameter; 16MM Outer Race Width; Open; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Polyamide Cage
Other Features	Deep Groove   Reinforced Ball Set
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	6206 ETN9
Weight / LBS	0.439
Outer Race Width	0.63 Inch   16 Millimeter
Inner Race Width	0 Inch   0 Millimeter
Bore	1.181 Inch   30 Millimeter
Outside Diameter	2.441 Inch   62 Millimeter



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bore diameter:	30 mm
static load capacity:	12.9 kN
outside diameter:	62 mm
finish/coating:	Uncoated
overall width:	16 mm
bearing material:	Steel
bore type:	Round
cage material:	Polyamide 66
closure type:	Open
fillet radius:	1 mm
row type & fill slot:	Single Row Non-Fill Slot
maximum rpm:	24000 rpm
snap ring included:	Without Snap Ring
weight:	0.4 lb
operating temperature range:	-40 to 212 ° F ° F
manufacturer product page:	<a href="#">Click here</a>
dynamic load capacity:	23.4 kN
manufacturer upc number:	7316571401416
$d_1$	39.5 mm
$D_1$	52.9 mm
$r_{1,2}$ min.	1 mm
$d_a$ min.	35.6 mm
$D_a$ max.	56.4 mm
$r_a$ max.	1 mm
Basic dynamic load rating C	23.4 kN
Basic static load rating $C_0$	12.9 kN
Fatigue load limit $P_u$	0.54 kN
Calculation factor $k_r$	0.025
Calculation factor $f_0$	13
Mass bearing	0.18 kg