



Bearing No. 6415

D	190 mm
d	75 mm
B	45 mm
Bore	2.953 Inch 75 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	0.0
Size (mm)	190x75x45
Snap Ring	No
Width (mm)	45
bore type:	Round
Weight / LBS	12.82
Mass bearing	5.81 kg
maximum rpm:	5000 RPM
closure type:	Open
D ₁	154.35 mm
d ₁	110 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	75 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	2.5 mm
overall width:	45 mm
Bearing number	6415

Limiting speed	5000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	8000 r/min
Outer Race Width	1.772 Inch 45 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	7.48 Inch 190 Millimeter
Long Description	75MM Bore; 190MM Outside Diameter; 45MM 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	5.82
outer ring width:	45 mm
precision rating:	ABEC 1 (ISO Class Normal)
outside diameter:	190 mm
Internal Clearance	C0-Medium
D _a max.	174 mm
Bore Diameter (mm)	190
d _a min.	91 mm
r _a max.	2.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	75
Minimum Buy Quantity	N/A
r _{1,2} min.	3 mm
r _a - max.	2.5 mm

D_a - max.	174 mm
d_a - min.	91 mm
static load capacity:	114 kN
d_1 ?	110 mm
D_1 ?	154.35 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	153 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	3 mm
Manufacturer Item Number	6415
Internal Special Features	No
Basic dynamic load rating C	153 kN
Basic dynamic load rating - C	153 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	4.15 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.2
Fatigue load limit - P_u	4.2 kN
Calculation factor - k_r	0.035
Calculation factor - f_0	12.2
Basic static load rating C_0	114 kN
Basic static load rating - C_0	114 kN