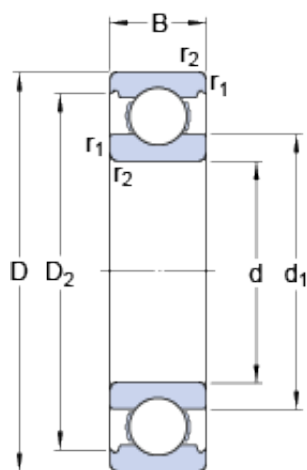




Bearing No. 16005

D	47 mm
d	25 mm
B	8 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	16
Category	Single Row Ball Bearing
Size (mm)	47x25x8
Snap Ring	No
Enclosure	Open
Inventory	0.0
Width (mm)	8
bore type:	Round
maximum rpm:	20000 RPM
Weight / LBS	0.139
Mass bearing	0.055 kg
Cage Material	Steel
closure type:	Open
d ₁	33.35 mm
Product Group	B00308
D ₂	42.4 mm
Inch - Metric	Metric
Bearing number	16005
fillet radius:	0.3 mm
cage material:	Steel
overall width:	8 mm
bore diameter:	25 mm
Limiting speed	20000 r/min

Keyword String	Ball
finish/coating:	Uncoated
Reference speed	32000 r/min
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Outside Diameter	1.85 Inch 47 Millimeter
Long Description	25MM Bore; 47MM Outside Diameter; 8MM Outer Race Diameter; Open; Ball Bearing; ABEC 1 ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features
Outer Race Width	0.315 Inch 8 Millimeter
Manufacturer URL	http://www.skf.com
outer ring width:	8 mm
Manufacturer Name	SKF
precision rating:	Not Rated
outside diameter:	47 mm
Weight / Kilogram	0.063
Bore Diameter (mm)	47
d _a min.	27 mm
r _a max.	0.3 mm
D _a max.	45 mm
Internal Clearance	C0-Medium
internal clearance:	C0
Outer Diameter (mm)	25
snap ring included:	Without Snap Ring
r _{1,2} min.	0.3 mm
r _a - max.	0.3 mm
D _a - max.	45 mm
Minimum Buy Quantity	N/A
d _a - min.	27 mm

row type & fill slot:	Single Row Non-Fill Slot
d_1 ?	33.35 mm
static load capacity:	4.75 kN
Harmonized Tariff Code	8482.10.50.68
dynamic load capacity:	8.06 kN
$r_{1,2}$ - min.	0.3 mm
Manufacturer Item Number	16005
Internal Special Features	No
Basic dynamic load rating C	8.06 kN
Basic dynamic load rating - C	8.1 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.212 kN
Calculation factor k_r	0.02
Calculation factor f_0	15
Calculation factor - k_r	0.02
Calculation factor - f_0	15
Fatigue load limit - P_u	0.212 kN
Basic static load rating C_0	4.75 kN
Basic static load rating - C_0	4.8 kN