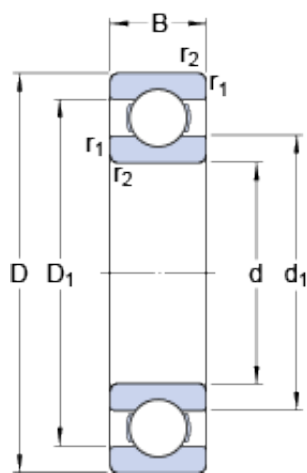




Bearing No. 6405

D	80 mm
d	25 mm
B	21 mm
Bore	0.984 Inch 25 Millimeter
Noun	Bearing
UNSPSC	31171504
series:	64
Category	Single Row Ball Bearing
Enclosure	Open
Inventory	7.0
Size (mm)	80x25x21
Snap Ring	No
Width (mm)	21
bore type:	Round
Weight / LBS	1.2
Mass bearing	0.54 kg
maximum rpm:	13000 RPM
closure type:	Open
D ₁	62.9 mm
d ₁	45.42 mm
Inch - Metric	Metric
Cage Material	Steel
Product Group	B00308
bore diameter:	25 mm
cage material:	Steel
Keyword String	Ball
fillet radius:	1.5 mm
overall width:	21 mm
Bearing number	6405

Limiting speed	13000 r/min
finish/coating:	Uncoated
Precision Class	ABEC 1 ISO P0
Rolling Element	Ball Bearing
Reference speed	20000 r/min
Outer Race Width	0.827 Inch 21 Millimeter
Manufacturer URL	http://www.skf.com
Outside Diameter	3.15 Inch 80 Millimeter
Long Description	25MM Bore; 80MM Outside Diameter; 21MM 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	0.546
outer ring width:	21 mm
precision rating:	ABEC 3 (ISO Class 6)
outside diameter:	80 mm
Internal Clearance	C0-Medium
D _a max.	71 mm
Bore Diameter (mm)	80
d _a min.	34 mm
r _a max.	1.5 mm
internal clearance:	C0
snap ring included:	Without Snap Ring
Outer Diameter (mm)	25
Minimum Buy Quantity	N/A
r _{1,2} min.	1.5 mm
r _a - max.	1.5 mm
D _a - max.	71 mm
d _a - min.	34 mm

static load capacity:	19.3 kN
d_1 ?	45.42 mm
D_1 ?	62.9 mm
row type & fill slot:	Single Row Non-Fill Slot
dynamic load capacity:	35.8 kN
Harmonized Tariff Code	8482.10.50.68
$r_{1,2}$ - min.	1.5 mm
Manufacturer Item Number	6405
Internal Special Features	No
Basic dynamic load rating C	35.8 kN
Basic dynamic load rating - C	35.8 kN
Maximum Capacity / Filling Slot	No
Fatigue load limit P_u	0.815 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Fatigue load limit - P_u	0.815 kN
Calculation factor - k_r	0.035
Calculation factor - f_0	12.1
Basic static load rating C_0	19.3 kN
Basic static load rating - C_0	19.3 kN