



PCIF BEARING LIMITED



25 mm x 80 mm x 21 mm skf 6405 bearing

Bearing No. 6405

6405 Bearing 2D drawings and 3D CAD models

Size	80x25x21 mm
Bore Diameter	80 mm
Outer Diameter	25 mm
Width	21 mm
d	25 mm
D	80 mm
B	21 mm
d ₁	45.42 mm
D ₁	62.9 mm
r _{1,2} - min.	1.5 mm
d _a - min.	34 mm
D _a - max.	71 mm
r _a - max.	1.5 mm
Basic dynamic load rating - C	35.8 kN
Basic static load rating - C ₀	19.3 kN
Fatigue load limit - P _u	0.815 kN
Reference speed	20000 r/min
Limiting speed	13000 r/min
Calculation factor - k _r	0.035
Calculation factor - f ₀	12.1
Category	Single Row Ball Bearings
Inventory	7.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.546



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EAN	7316576608865
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	Steel
Internal Clearance	C0-Medium
Inch - Metric	Metric
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
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	6405
Weight / LBS	1.2
Outer Race Width	0.827 Inch 21 Millimeter
Outside Diameter	3.15 Inch 80 Millimeter
Bore	0.984 Inch 25 Millimeter
bore diameter:	25 mm
static load capacity:	19.3 kN
outside diameter:	80 mm
precision rating:	ABEC 3 (ISO Class 6)



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overall width:	21 mm
finish/coating:	Uncoated
bore type:	Round
cage material:	Steel
closure type:	Open
outer ring width:	21 mm
row type & fill slot:	Single Row Non-Fill Slot
fillet radius:	1.5 mm
snap ring included:	Without Snap Ring
maximum rpm:	13000 RPM
internal clearance:	C0
series:	64
dynamic load capacity:	35.8 kN
d_1	45.42 mm
D_1	62.9 mm
$r_{1,2}$ min.	1.5 mm
d_a min.	34 mm
D_a max.	71 mm
r_a max.	1.5 mm
Basic dynamic load rating C	35.8 kN
Basic static load rating C_0	19.3 kN
Fatigue load limit P_u	0.815 kN
Calculation factor k_r	0.035
Calculation factor f_0	12.1
Mass bearing	0.54 kg