

PRECISION BEARING CORP.

40 mm x 1.969 Inch | 50 Millimeter x 2.126 Inch
| 54 Millimeter skf syj 45 kf bearing



Bearing No. syj 45 kf

syj 45 kf Bearing 2D drawings and 3D CAD models

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	2.262
EAN	7316570944112
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Adapter Sleeve
Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	14 Millimeter
Relubricatable	Yes
Insert Part Number	YSA 209-2FK
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Y Bearing
Long Description	2 Bolt Pillow Block; 40MM Bore; 54MM Base to Center Height; Adapter Sleeve Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non-expansion
Category	Pillow Block



PRECISION BEARING CORP.

UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SYJ 45 KF
Weight / LBS	4.63
D	1.969 Inch 50 Millimeter
Nominal Bolt Center to Center	5.5 Inch 140 Millimeter
Bolt Spacing Maximum	0 Inch 0 Millimeter
Actual Bolt Center to Center	5.6 Inch 143 Millimeter
B	2.126 Inch 54 Millimeter
d	1.575 Inch 40 Millimeter
Bolt Spacing Minimum	0 Inch 0 Millimeter
mounting:	Two-Bolt Base
base width:	52 mm
bore diameter:	45 mm
bolt center-to-center length:	143.5 mm
bore type:	Round
maximum rpm:	4300 rpm
base to bore centerline:	54 mm
bolt size:	14 mm
housing material:	Cast Iron
lubrication type:	Lubrication Fitting
locking device:	Adapter Mounted
series:	SYJ
overall length:	190 mm
replacement bearing:	YSA 209-2FK
overall height:	107.5 mm
manufacturer product page:	Click here
radial dynamic load	33.2 kN

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capacity:	
manufacturer upc number:	7316570944112
radial static load capacity:	21.6 kN
Housing material	Cast iron
d	40 mm
A	52 mm
A ₁	36 mm
B ₁	50 mm
H	107.5 mm
H ₁	54 mm
H ₂	20 mm
J	143.5 mm
J max.	151 mm
J min.	136 mm
L	190 mm
N	24.5 mm
N ₁	17 mm
s ₁	29 mm
R _G	1/4-28 UNF
R ₁	4 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	174 mm
J ₇	18 mm
N ₄	4 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C ₀	21.6 kN
Fatigue load limit P _u	0.915 kN
Limiting speed	4300 r/min
Mass bearing unit	2.58 kg



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Appropriate spanner	HN 8-9
Recommended lock nut tightening angle	110 °
Recommended diameter for attachment bolts, mm G	14 mm
Recommended diameter for attachment bolts, inch G	0.5625 in
Housing	SYJ 509
Bearing	YSA 209-2FK
Adapter sleeve	H 2309