



# NTNY BEARING LTD

3.938 Inch | 100.025 Millimeter x 6.5 Inch | 165.1 Millimeter x 4.938 Inch | 125.425 Millimeter skf saf 22522 bearing



Bearing No. saf 22522

saf 22522 Bearing 2D drawings and 3D CAD models

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	33.14
EAN	7316576668975
Product Group	M06288
Number of Mounting Holes	4
Mounting Method	Tapered Adapter Sleeve
Housing Style	4 Bolt Pillow Block
Rolling Element	Spherical Roller Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Expansion
Mounting Bolts	3/4 Inch
Relubricatable	Yes
Insert Part Number	22222 CCK/W33
Seals	Labyrinth
Housing Configuration	2 Piece Split
Inch - Metric	Inch
Other Features	Double Row   Heavy Duty
Long Description	4 Bolt Pillow Block; 3-15/16" Bore; 4-15/16" Base to Center Height; Tapered Adapter Sleeve Mount; Spherical Roller Bearing; 12-5/8" Minimum



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	Bolt Spacing; 14-1/2" Bolt Spacing Maxim
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.80
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	SAF 22522
Weight / LBS	73
Nominal Bolt Center to Center	13.5 Inch   342.5 Millimeter
Bolt Spacing Minimum	12.625 Inch   320.675 Millimeter
Bolt Spacing Maximum	14.5 Inch   368.3 Millimeter
d	3.938 Inch   100.025 Millimeter
B	4.938 Inch   125.425 Millimeter
Actual Bolt Center to Center	0 Inch   0 Millimeter
D	6.5 Inch   165.1 Millimeter
bore diameter:	3.9375 in
base width:	120.65 mm
overall length:	419.10 mm
expansion type:	Non-Expansion Bearing (Fixed)
overall height:	239.40 mm
finish/coating:	Uncoated
mounting:	Four-Bolt Base
overall width:	6-1/2 in
bearing type:	Spherical Roller
seal type:	Labyrinth
bore type:	Round



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radial dynamic load capacity:	560 kN
housing construction:	Split Pillow Block
maximum rpm:	4000 RPM
base to bore centerline:	125.43 mm
lubrication type:	Lubrication Fitting
locking device:	Adapter Mount
series:	SAF
bolt center-to-center length:	344.49 mm
replacement bearing:	22222EK
$d_a$	100.013 mm
$D_a$	200 mm
$C_a$	62.789 mm
$A_1$	120.65 mm
$A_2$	165.1 mm
S	4.763 mm
$b_a$	50.006 mm
H	239.316 mm
$H_1$	125.425 mm
$H_2$	50.8 mm
J min.	320.675 mm
J max.	368.3 mm
$J_1$	69.85 mm
L	419.1 mm
$N_1$	22.225 mm
$R_1$	67.866 mm
$R_2$	31.75 mm
$R_G$	3/8 NPT
$P_G$	1/4 NPT
h	45.244 mm
Housing	SAF 522
Stabilizing ring	SR-22-19
Labyrinth ring	2 x LOR 109



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End plug (suffix Y)	EPR 13
Bearing limiting speed	4000 r/min
$P_{60^\circ}$	149 kN
$P_{90^\circ}$	89 kN
$P_{120^\circ}$	55.6 kN
$P_{150^\circ}$	50.7 kN
$P_{180^\circ}$	60.9 kN
$P_a$	17.3 kN
Mass pillow block	33.1 kg
Cap bolt	2 x 3/4-10 UNC
Cap bolt recommended tightening torque	203.4 N · m
Cap bolt, SAE grade	5
Appropriate attachment bolt size G	0.75 in
Initial grease fill	232.47 g