



# Linqing Kaige Bearing Co., Ltd.

2.953 Inch | 75 Millimeter x 2.795 Inch | 71 Millimeter x 71 mm SKF SYNT 75 F Pillow Block Bearings



Bearing No. SYNT 75 F

SYNT 75 F Bearing 2D drawings and 3D CAD models

Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight	11.62
EAN	7316574272792
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Stepped Sleeve
Housing Style	2 Bolt Pillow Block
Rolling Element	Spherical Roller Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	20 Millimeter
Relubricatable	Yes
Insert Part Number	22215 E
Seals	Trigard
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Double Row   Locating Bearing   With Grub Screw
Long Description	2 Bolt Pillow Block; 75MM Bore; 95MM Base to Center Height; Stepped Sleeve Mount; Spherical Roller Bearing; Relubricatable;



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	Cast Iron; Trigard; Non-expansion
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	SYNT 75 F
Weight / LBS	25.6
d	2.953 Inch   75 Millimeter
B	3.74 Inch   95 Millimeter
D	2.795 Inch   71 Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
Nominal Bolt Center to Center	10.2 Inch   260 Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
Actual Bolt Center to Center	10.2 Inch   260Millimeter
bore diameter:	75 mm
base width:	90 mm
overall length:	320 mm
expansion type:	Expansion Bearing (Floating)
overall height:	180 mm
finish/coating:	Uncoated
mounting:	Two-Bolt Base
overall width:	90 mm
bearing type:	Spherical Roller
radial dynamic load capacity:	212 kN
bore type:	Round
radial static load capacity:	240 kN
housing construction:	Solid Pillow Block



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maximum rpm:	2500 RPM
base to bore centerline:	95 mm
lubrication type:	Lubrication Fitting
locking device:	Concentric Collar
series:	SYNT
bolt center-to-center length:	260 mm
replacement bearing:	22215 E
$d_a$	75 mm
A	90 mm
B	71 mm
H	180 mm
$H_1$	95 mm
$H_2$	32 mm
J	260 mm
L	320 mm
N	28 mm
$N_1$	22 mm
$A_3$	80 mm
$A_5$	38.5 mm
$b_a$ min.	38 mm
$b_a$ max.	70 mm
$J_6$	292 mm
$J_7$	32.5 mm
$N_4$ max.	8 mm
Basic dynamic load rating C	212 kN
Basic static load rating $C_0$	240 kN
Fatigue load limit $P_u$	26.5 kN
Limiting speed	2500 r/min
Calculation factor e	0.22
Calculation factor $Y_1$	3
Calculation factor $Y_2$	4.6
Bearing mean diameter $d_m$	102.5 mm



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$P_{0^\circ}$	370 kN
$P_{55^\circ}$	415 kN
$P_{90^\circ}$	250 kN
$P_{120^\circ}$	165 kN
$P_{150^\circ}$	150 kN
$P_{180^\circ}$	220 kN
$P_a$	25 kN
Mass bearing unit	12 kg
Attachment bolt diameter G	20 mm
Tightening torque for attachment bolts	385 N · m
Grub screws	5 x M 6
Tightening torque for grub screws	8 N · m
Grease quantity for relubrication	8 g