



# AF Bearing Machinery Co., Ltd.



## SKF SYJ 75 TF bearing units

Bearing No. SYJ 75 TF

SYJ 75 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	75 mm
d	75 mm
s1	46,1 mm
A	74 mm
A1	54 mm
B	73,1 mm
G	20 mm
H	166 mm
H1	82,5 mm
H2	28 mm
J	217 mm
L	275 mm
N	30 mm
N1	25 mm
Weight	7,3 Kg
Basic dynamic load rating (C)	66,3 kN
Basic static load rating (C0)	49 kN
Fatigue load limit (Pu)	2,04
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	7.907
EAN	7316570526110
Product Group	M06110
Number of Mounting Holes	2



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Mounting Method	Set Screw
Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	20 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 215-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row   Y Bearing   With Grub Screw
Long Description	2 Bolt Pillow Block; 75MM Bore; 82.6MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non-expansion
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	SYJ 75 TF
Weight / LBS	16.1
Bolt Spacing Maximum	0 Inch   0Millimeter
Nominal Bolt Center to Center	8.5 Inch   215.5 Millimeter
Actual Bolt Center to Center	8.5 Inch   217Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
Length Thru Bore	2.878 Inch   73.1 Millimeter



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Bore	2.953 Inch   75 Millimeter
Base to Center Height	3.252 Inch   82.6 Millimeter
mounting:	Two-Bolt Base
base width:	74 mm
bore diameter:	75 mm
bolt center-to-center length:	217 mm
bore type:	Round
maximum rpm:	2600 rpm
base to bore centerline:	82.5 mm
bolt size:	20 mm
housing material:	Cast Iron
lubrication type:	Lubrication Fitting
locking device:	Set Screw
series:	SYJ
overall length:	275 mm
replacement bearing:	YAR 215-2F
overall height:	165.5 mm
manufacturer product page:	<a href="#">Click here</a>
radial dynamic load capacity:	66.3 kN
manufacturer upc number:	7316570526110
radial static load capacity:	49 kN
Housing material	Cast iron
A <sub>1</sub>	54 mm
B <sub>4</sub>	12 mm
H <sub>1</sub>	82.5 mm
H <sub>2</sub>	28 mm
J max.	222 mm
J min.	212 mm
N <sub>1</sub>	25 mm
s <sub>1</sub>	46.3 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	6.5 mm



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R	45 °
$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT
$J_6$	255 mm
$J_7$	27 mm
$N_4$	4 mm
Basic dynamic load rating C	66.3 kN
Basic static load rating $C_0$	49 kN
Fatigue load limit $P_u$	2.04 kN
Limiting speed	2600 r/min
Mass bearing unit	7.4 kg
Thread grub screw $G_2$	M10x1
Hexagonal key size for grub screw N	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for attachment bolts, mm G	20 mm
Recommended diameter for attachment bolts, inch G	0.75 in
Housing	SYJ 515
Bearing	YAR 215-2F