



# AMERICAN BEARING MFG.CORP.



## SKF SY 60 TF bearing units

Bearing No. SY 60 TF

SY 60 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	60 mm
d	60 mm
s1	39,7 mm
A	60 mm
A1	42 mm
B	65,1 mm
G	16 mm
H	138 mm
H1	69,8 mm
H2	26,5 mm
J	190,5 mm
L	240 mm
N	29,5 mm
N1	18 mm
Weight	4,45 Kg
Basic dynamic load rating (C)	52,7 kN
Basic static load rating (C0)	36 kN
Fatigue load limit (Pu)	1,53
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	4.714
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw



## AMERICAN BEARING MFG.CORP.

Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	16 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 212-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row   Standard Duty   Wide Inner Race   Y Bearing   Has Flinger
Long Description	2 Bolt Pillow Block; 60MM Bore; 70MM 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	SY 60 TF
Weight / LBS	9.81
Bore	2.362 Inch   60 Millimeter
Actual Bolt Center to Center	7.5 Inch   190Millimeter
Nominal Bolt Center to Center	7.3 Inch   184 Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
Length Thru Bore	2.563 Inch   65.09 Millimeter



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Base to Center Height	2.756 Inch   70 Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
mounting:	Two-Bolt Base
overall width:	42 mm
bore diameter:	60 mm
radial dynamic load capacity:	52.7 kN
bore type:	Round
radial static load capacity:	36 kN
base to bore centerline:	2.7480 in
base width:	60 mm
housing material:	Cast Iron
bolt center-to-center length:	190.5 mm
locking device:	Set Screw
maximum rpm:	3400 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	240 mm
series:	SY
overall height:	138 mm
replacement bearing:	YAR 212-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A <sub>1</sub>	42 mm
A <sub>5</sub>	35.5 mm
B <sub>4</sub>	10 mm
H <sub>1</sub>	69.9 mm
H <sub>2</sub>	26.5 mm
J max.	202 mm
J min.	179 mm
N <sub>1</sub>	18 mm



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$s_1$	39.7 mm
$R_G$	1/4-28 UNF
$R_1$	5.5 mm
R	45 °
$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT
$J_6$	222 mm
$J_7$	21 mm
$N_4$	4 mm
Basic dynamic load rating C	52.7 kN
Basic static load rating $C_0$	36 kN
Fatigue load limit $P_u$	1.53 kN
Limiting speed	3400 r/min
Mass bearing unit	4.35 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	16 mm
Recommended diameter for attachment bolts, inch G	0.625 in