



**skf SY 12 TF Ball bearing plummer block units**

Bearing No. SY 12 TF

SY 12 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	12 mm
d	12 mm
s1	15,9 mm
A	32 mm
A1	18 mm
B	27,4 mm
G	10 mm
H	57 mm
H1	30,2 mm
H2	14 mm
J	97 mm
L	127 mm
N	20,5 mm
N1	11,5 mm
Weight	0,52 Kg
Basic dynamic load rating (C)	9,56 kN
Basic static load rating (C0)	4,75 kN
Fatigue load limit (Pu)	0,2
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.517
EAN	7316570440409
Product Group	M06110
Number of Mounting Holes	2



# NTN BEARING MANUFACTURING DE MEXICO,S...

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	10 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 203/12-2F
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; 12MM Bore; 30.2MM 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 12 TF
Weight / LBS	1.15
Length Thru Bore	1.079 Inch   27.4 Millimeter
Actual Bolt Center to Center	3.8 Inch   96Millimeter
Base to Center Height	1.189 Inch   30.2 Millimeter
Nominal Bolt Center to Center	3.8 Inch   97 Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter



# NTN BEARING MANUFACTURING DE MEXICO,S...

Bolt Spacing Minimum	0 Inch   0Millimeter
Bore	0.472 Inch   12 Millimeter
Housing material	Cast iron
A <sub>1</sub>	18 mm
B <sub>4</sub>	4 mm
H <sub>1</sub>	30.2 mm
H <sub>2</sub>	14 mm
J max.	106 mm
J min.	88 mm
N <sub>1</sub>	11.5 mm
s <sub>1</sub>	15.9 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	1 mm
R	45 °
D <sub>N</sub>	6.5 mm
SW <sub>N</sub>	7 mm
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	118 mm
J <sub>7</sub>	11.5 mm
N <sub>4</sub>	2 mm
Basic dynamic load rating C	9.56 kN
Basic static load rating C <sub>0</sub>	4.75 kN
Fatigue load limit P <sub>u</sub>	0.2 kN
Limiting speed	9500 r/min
Mass bearing unit	0.46 kg
Thread grub screw G <sub>2</sub>	M6x0.75
Hexagonal key size for grub screw N	3 mm
Recommended tightening torque for grub screw	4 N · m
Recommended diameter for attachment bolts, mm G	10 mm
Recommended diameter for	0.375 in



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attachment bolts, inch G	
Bearing	YAR 203/12-2F