



BEARING CORP.OF AMERICA



skf SY 1. TF Ball bearing plummer block units

Bearing No. SY 1. TF

SY 1. TF Bearing 2D drawings and 3D CAD models

Bore Diameter	25,4 mm
d	25,4 mm
s1	19,8 mm
A	36 mm
A1	22 mm
B	34,1 mm
G	10 mm
H	70,5 mm
H1	36,5 mm
H2	16 mm
J	102 mm
L	130 mm
N	19,5 mm
N1	11,5 mm
Weight	0,71 Kg
Basic dynamic load rating (C)	14 kN
Basic static load rating (C0)	7,8 kN
Fatigue load limit (Pu)	0,335
Category	Pillow Block Bearings
Inventory	4.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.77
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw



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Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	3/8 Inch
Relubricatable	Yes
Insert Part Number	YAR 205-100-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Inch
Other Features	Single Row Standard Duty Wide Inner Race Y Bearing Has Flinger
Long Description	2 Bolt Pillow Block; 1" Bore; 1-7/16" Base to Center Height; Set Screw Mount; Ball Bearing; 3-11/16" Minimum Bolt Spacing; 4-11/32" Bolt Spacing Maximum; Relubricatable; Cast Iron;
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SY 1. TF
Weight / LBS	1.7
Length Thru Bore	1.344 Inch 34.13 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Bolt Spacing Maximum	4.344 Inch 110.338Millimeter
Base to Center Height	1.438 Inch 36.525



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	Millimeter
Nominal Bolt Center to Center	4.1 Inch 105 Millimeter
Bolt Spacing Minimum	3.688 Inch 93.675 Millimeter
Bore	1 Inch 25.4 Millimeter
Housing material	Cast iron
A ₁	22 mm
A ₅	18 mm
B ₄	5 mm
H ₁	36.5 mm
H ₂	16 mm
J max.	110 mm
J min.	94 mm
N ₁	11.5 mm
s ₁	19.8 mm
R _G	1/4-28 UNF
R ₁	2 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	120 mm
J ₇	13 mm
N ₄	4 mm
Basic dynamic load rating C	14 kN
Basic static load rating C ₀	7.8 kN
Fatigue load limit P _u	0.335 kN
Limiting speed	7000 r/min
Mass bearing unit	0.72 kg
Thread grub screw G ₂	1/4-28 UNF
Hexagonal key size for grub screw N	3.175 mm



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Recommended tightening torque for grub screw	4 N · m
Recommended diameter for attachment bolts, mm G	10 mm
Recommended diameter for attachment bolts, inch G	0.375 in