



BEARING CORP.OF AMERICA



skf SY 2.1/4 TF Ball bearing plummer block units

Bearing No. SY 2.1/4 TF

SY 2.1/4 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	57,15 mm
d	57,15 mm
s1	39,7 mm
A	60 mm
A1	42 mm
B	65,1 mm
G	16 mm
H	139,5 mm
H1	69,9 mm
H2	26 mm
J	190,5 mm
L	240 mm
N	29,5 mm
N1	18 mm
Weight	5,45 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	4.794
Product Group	M06110
Number of Mounting Holes	2



BEARING CORP.OF AMERICA

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	5/8 Inch
Relubricatable	Yes
Insert Part Number	YAR 212-204-2F
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; 2-1/4" Bore; 2-3/4" Base to Center Height; Set Screw Mount; Ball Bearing; 7-1/16" Minimum Bolt Spacing; 7-15/16" 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 2.1/4 TF
Weight / LBS	11.5
Bolt Spacing Minimum	7.063 Inch 179.4Millimeter
Base to Center Height	2.75 Inch 69.85 Millimeter
Bolt Spacing Maximum	7.938 Inch 201.625Millimeter
Bore	2.25 Inch 57.15 Millimeter



BEARING CORP.OF AMERICA

Actual Bolt Center to Center	0 Inch 0 Millimeter
Length Thru Bore	2.563 Inch 65.09 Millimeter
Nominal Bolt Center to Center	7.3 Inch 184 Millimeter
Housing material	Cast iron
A ₁	42 mm
A ₅	39 mm
B ₄	10 mm
H ₁	69.9 mm
H ₂	26.5 mm
J max.	202 mm
J min.	179 mm
N ₁	18 mm
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	4.55 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm



BEARING CORP.OF AMERICA

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