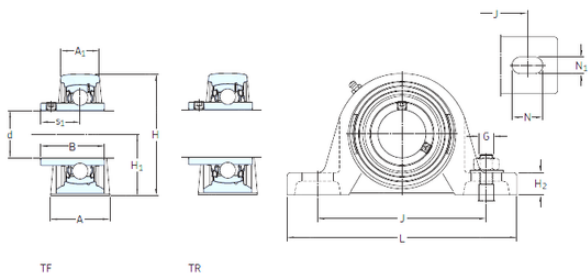




BEARING CORP.OF AMERICA



skf SY 3/4 FM Ball bearing plummer block units

Bearing No. SY 3/4 FM

SY 3/4 FM Bearing 2D drawings and 3D CAD models

Bore Diameter	19.05 mm
d	19.05 mm
s1	24 mm
A	32 mm
A1	21 mm
B1	31 mm
H	64 mm
H1	33,3 mm
H2	14 mm
J	97 mm
L	127 mm
N	20,5 mm
N1	11,5 mm
Thread (G)	10
Weight	0,62 Kg
Basic dynamic load rating (C)	12,7 kN
Basic static load rating (C0)	6,55 kN
Fatigue load limit (Pu)	0,28
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.68
Product Group	M06110
Number of Mounting Holes	2



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Mounting Method	Eccentric Collar
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	YET 204-012
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Inch
Other Features	Single Row Standard Duty Narrow Inner Race Y Bearing
Long Description	2 Bolt Pillow Block; 3/4" Bore; 1-5/16" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 3-15/32" Minimum Bolt Spacing; 4-3/16" Bolt Spacing Maximum; Relubricatable; Ca
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 3/4 FM
Weight / LBS	1.5
Bolt Spacing Maximum	4.188 Inch 106.375Millimeter
Nominal Bolt Center to Center	3.8 Inch 97 Millimeter
Bore	0.75 Inch 19.05 Millimeter
Base to Center Height	1.313 Inch 33.35



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	Millimeter
Bolt Spacing Minimum	3.469 Inch 88.113Millimeter
Length Thru Bore	1.219 Inch 30.963 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Housing material	Cast iron
A ₁	21 mm
A ₅	20.5 mm
B ₁	30.5 mm
H ₁	33.3 mm
H ₂	14 mm
J max.	106 mm
J min.	88 mm
N ₁	11.5 mm
s ₁	23.5 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	118 mm
J ₇	11.5 mm
N ₄	2 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C ₀	6.55 kN
Fatigue load limit P _u	0.28 kN
Limiting speed	8500 r/min
Mass bearing unit	0.6 kg
Thread grub screw G ₂	1/4-28 UNF
Hexagonal key size for grub	3.175 mm



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screw N	
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