



BEARING-MALAYSIA SDN.BHD.



SKF SY 1.3/4 FM bearing units

Bearing No. SY 1.3/4 FM

SY 1.3/4 FM Bearing 2D drawings and 3D CAD models

Bore Diameter	44,45 mm
d	44,45 mm
s1	32,7 mm
A	48,3 mm
A1	32 mm
B1	43,7 mm
H	107 mm
H1	54 mm
H2	20,6 mm
J	143,7 mm
L	187 mm
N	22,7 mm
N1	14 mm
Thread (G)	12
Weight	2,25 Kg
Basic dynamic load rating (C)	33,2 kN
Basic static load rating (C0)	21,6 kN
Fatigue load limit (Pu)	0,915
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.41
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Eccentric Collar



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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	1/2 Inch
Relubricatable	Yes
Insert Part Number	YET 209-112
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; 1-3/4" Bore; 2-1/8" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 5-5/16" Minimum Bolt Spacing; 6" Bolt Spacing Maximum; Relubricatable; Cast Ir
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 1.3/4 FM
Weight / LBS	5.3
Length Thru Bore	1.719 Inch 43.663 Millimeter
Bolt Spacing Minimum	5.313 Inch 134.95Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Bore	1.75 Inch 44.45 Millimeter



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Nominal Bolt Center to Center	5.8 Inch 146.5 Millimeter
Bolt Spacing Maximum	6 Inch 152.4 Millimeter
Base to Center Height	2.125 Inch 53.98 Millimeter
Housing material	Cast iron
A ₁	32 mm
A ₅	26.5 mm
B ₁	43.7 mm
H ₁	54 mm
H ₂	21 mm
J max.	152 mm
J min.	135 mm
N ₁	14 mm
s ₁	32.7 mm
R _G	1/4-28 UNF
R ₁	4 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	173 mm
J ₇	17 mm
N ₄	4 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C ₀	21.6 kN
Fatigue load limit P _u	0.915 kN
Limiting speed	4300 r/min
Mass bearing unit	2.2 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm
Recommended tightening	16.5 N · m



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torque for grub screw	
Recommended diameter for attachment bolts, mm G	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in