



BEARING-SINGAPORE (PTE)LTD.



SKF SY 1.1/4 FM bearing units

Bearing No. SY 1.1/4 FM

SY 1.1/4 FM Bearing 2D drawings and 3D CAD models

Bore Diameter	31.75 mm
d	31.75 mm
s1	29,4 mm
A	45 mm
A1	27 mm
B1	38,9 mm
H	93 mm
H1	47,6 mm
H2	19 mm
J	126 mm
L	160 mm
N	21 mm
N1	14 mm
Thread (G)	12
Weight	1,7 Kg
Basic dynamic load rating (C)	25,5 kN
Basic static load rating (C0)	15,3 kN
Fatigue load limit (Pu)	0,655
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.68
EAN	7316576614712
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	1/2 Inch
Relubricatable	Yes
Insert Part Number	YET 207-104
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; 1-1/4" Bore; 1-7/8" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 4-11/16" Minimum Bolt Spacing; 5-1/4" 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 1.1/4 FM
Weight / LBS	3.7
Bore	1.25 Inch 31.75 Millimeter
Length Thru Bore	1.531 Inch 38.9 Millimeter
Bolt Spacing Maximum	5.25 Inch 133.35Millimeter
Bolt Spacing Minimum	4.688 Inch 119.075Millimeter



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Base to Center Height	1.875 Inch 47.63 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Nominal Bolt Center to Center	5 Inch 127 Millimeter
Housing material	Cast iron
A ₁	27 mm
A ₅	24.5 mm
B ₁	38.9 mm
H ₁	47.6 mm
H ₂	19 mm
J max.	133 mm
J min.	119 mm
N ₁	14 mm
s ₁	29.4 mm
R _G	1/4-28 UNF
R ₁	3 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	146 mm
J ₇	15.5 mm
N ₄	4 mm
Basic dynamic load rating C	25.5 kN
Basic static load rating C ₀	15.3 kN
Fatigue load limit P _u	0.655 kN
Limiting speed	5300 r/min
Mass bearing unit	1.6 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm



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Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for attachment bolts, mm G	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in
Housing	SY 507 M
Bearing	YET 207-104
End cover	ECY 207