



# BEARING-THAILAND CO.,LTD.



## SKF SY 1.3/16 FM bearing units

Bearing No. SY 1.3/16 FM

SY 1.3/16 FM Bearing 2D drawings and 3D CAD models

Bore Diameter	30,163 mm
d	30,163 mm
s1	26,7 mm
A	40 mm
A1	25 mm
B1	35,7 mm
H	82 mm
H1	42,9 mm
H2	16,5 mm
J	117,5 mm
L	152 mm
N	23,5 mm
N1	14 mm
Thread (G)	12
Weight	1,1 Kg
Basic dynamic load rating (C)	19,5 kN
Basic static load rating (C0)	11,2 kN
Fatigue load limit (Pu)	0,475
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.136
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Eccentric Collar



## BEARING-THAILAND CO.,LTD.

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 206-103
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; 1-3/16" Bore; 1-11/16" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 4-1/4" Minimum Bolt Spacing; 5" Bolt Spacing Maximum; Relubricatable; Cast
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	SY 1.3/16 FM
Weight / LBS	2.9
Bore	1.188 Inch   30.175 Millimeter
Bolt Spacing Maximum	5 Inch   127Millimeter
Base to Center Height	1.688 Inch   42.875 Millimeter
Nominal Bolt Center to Center	4.6 Inch   118 Millimeter



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Actual Bolt Center to Center	0 Inch   0Millimeter
Length Thru Bore	1.406 Inch   35.7 Millimeter
Bolt Spacing Minimum	4.25 Inch   107.95Millimeter
Housing material	Cast iron
A <sub>1</sub>	25 mm
A <sub>5</sub>	22.5 mm
B <sub>1</sub>	35.7 mm
H <sub>1</sub>	42.9 mm
H <sub>2</sub>	17 mm
J max.	127 mm
J min.	108 mm
N <sub>1</sub>	14 mm
s <sub>1</sub>	26.7 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	3 mm
R	45 °
D <sub>N</sub>	6.5 mm
SW <sub>N</sub>	7 mm
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	140 mm
J <sub>7</sub>	14 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	19.5 kN
Basic static load rating C <sub>0</sub>	11.2 kN
Fatigue load limit P <sub>u</sub>	0.475 kN
Limiting speed	6300 r/min
Mass bearing unit	1.05 kg
Thread grub screw G <sub>2</sub>	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m



## BEARING-THAILAND CO.,LTD.

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