



# BEARING CORP.OF AMERICA



## skf SY 2.3/16 FM Ball bearing plummer block units

Bearing No. SY 2.3/16 FM

SY 2.3/16 FM Bearing 2D drawings and 3D CAD models

Bore Diameter	55,563 mm
d	55,563 mm
s1	35,9 mm
A	60,4 mm
A1	40 mm
B1	48,4 mm
H	127 mm
H1	63,5 mm
H2	23,8 mm
J	171,5 mm
L	219 mm
N	27,5 mm
N1	18 mm
Thread (G)	16
Weight	3,65 Kg
Basic dynamic load rating (C)	43,6 kN
Basic static load rating (C0)	29 kN
Fatigue load limit (Pu)	1,25
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.72
EAN	7316576613890
Product Group	M06110



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Number of Mounting Holes	2
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	5/8 Inch
Relubricatable	Yes
Insert Part Number	YET 211-203
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; 2-3/16" Bore; 2-1/2" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 6-3/8" Minimum Bolt Spacing; 7-1/8" Bolt Spacing Maximum; Relubricatable; Cas
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 2.3/16 FM
Weight / LBS	8.2
Nominal Bolt Center to Center	6.8 Inch   171.5 Millimeter
Bore	2.188 Inch   55.575 Millimeter
Base to Center Height	2.5 Inch   63.5 Millimeter



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Actual Bolt Center to Center	0 Inch   0Millimeter
Bolt Spacing Minimum	6.375 Inch   161.925Millimeter
Length Thru Bore	1.906 Inch   48.42 Millimeter
Bolt Spacing Maximum	7.125 Inch   180.975Millimeter
Housing material	Cast iron
A <sub>1</sub>	40 mm
A <sub>5</sub>	37.5 mm
B <sub>1</sub>	48.4 mm
H <sub>1</sub>	63.5 mm
H <sub>2</sub>	24 mm
J max.	181 mm
J min.	162 mm
N <sub>1</sub>	18 mm
s <sub>1</sub>	35.9 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	4.5 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>	201 mm
J <sub>7</sub>	21 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C <sub>0</sub>	29 kN
Fatigue load limit P <sub>u</sub>	1.25 kN
Limiting speed	3600 r/min
Mass bearing unit	3.4 kg
Thread grub screw G <sub>2</sub>	7/16-20 UNF



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Hexagonal key size for grub screw N	5.556 mm
Recommended tightening torque for grub screw	28.5 N · m
Recommended diameter for attachment bolts, mm G	16 mm
Recommended diameter for attachment bolts, inch G	0.625 in