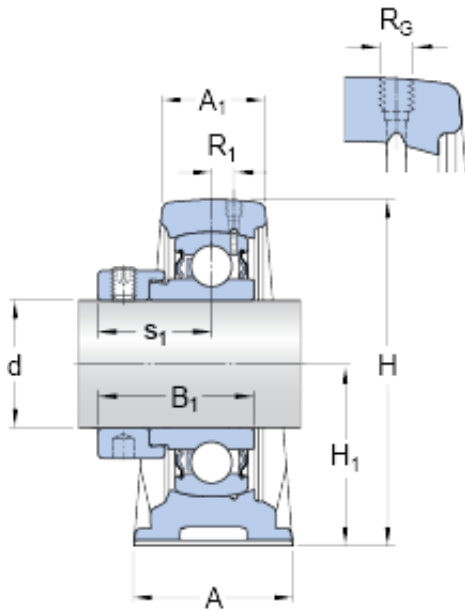




BEARING CORP.OF AMERICA

skf SY 1.11/16 FM Ball bearing plummer block units

Bearing No. SY 1.11/16 FM



SY 1.11/16 FM Bearing 2D drawings and 3D CAD models

Size	42.863x48x34 mm
Bore Diameter	42,863 mm
Outer Diameter	48 mm
Width	34 mm
d	42.863 mm
A	48 mm
A ₁	34 mm
B ₁	43.7 mm
H	108.5 mm
H ₁	54 mm
H ₂	21 mm
J	143.5 mm
J - max.	152 mm
J - min.	135 mm
L	187 mm
H	22.5 mm
N ₁	14 mm
s ₁	32.7 mm
J ₆	173 mm
J ₇	17 mm
N ₄	3 mm
D _N	6.579 mm
SW _N	11.112 mm
G _N - 1/8-27 NPT	1/827 NPT



BEARING CORP.OF AMERICA

R _G - 1/8-27 NPT	1/827 NPT
R ₁	3 mm
R	45 °
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
Weight	2.4 kg
Hexagonal key size for grub screw - H	4.762 mm
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.45
EAN	7316576615900
Product Group	M06110
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	1/2 Inch
Relubricatable	Yes
Insert Part Number	YET 209-111
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Inch
Other Features	Single Row Standard Duty Narrow Inner Race Y Bearing



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Long Description	2 Bolt Pillow Block; 1-11/16" 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
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 1.11/16 FM
Weight / LBS	5.4
Bolt Spacing Minimum	5.313 Inch 134.95Millimeter
Base to Center Height	2.125 Inch 53.98 Millimeter
Bore	1.688 Inch 42.875 Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Bolt Spacing Maximum	6 Inch 152.4Millimeter
Length Thru Bore	1.719 Inch 43.663 Millimeter
Nominal Bolt Center to Center	5.8 Inch 146.5 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



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J min.	135 mm
N	22.5 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
Mass bearing unit	2.4 kg
Thread grub screw G ₂	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm
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 509 M
Bearing	YET 209-111
End cover	ECY 209