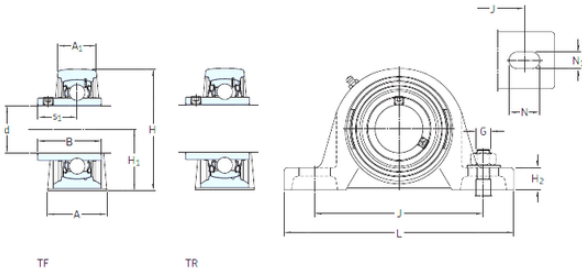




# NTN Bearing Manufacturing of Canada



## SKF SY 1.1/2 FM bearing units

Bearing No. SY 1.1/2 FM

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

Bore Diameter	38,1 mm
d	38,1 mm
s1	33,2 mm
A	48 mm
A1	30 mm
B1	43,7 mm
H	99 mm
H1	49,2 mm
H2	19 mm
J	135,5 mm
L	175 mm
N	24,5 mm
N1	14 mm
Thread (G)	12
Weight	1,8 Kg
Basic dynamic load rating (C)	30,7 kN
Basic static load rating (C0)	19 kN
Fatigue load limit (Pu)	0,8
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.036
EAN	7316576613838
Product Group	M06110
Number of Mounting Holes	2



## NTN Bearing Manufacturing of Canada

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 208-108
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; 1-1/2" Bore; 1-15/16" Base to Center Height; Eccentric Collar Mount; Ball Bearing; 4-15/16" Minimum Bolt Spacing; 5-3/4" Bolt Spacing Maximum; Relubricatable;
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 1.1/2 FM
Weight / LBS	4.5
Bore	1.5 Inch   38.1 Millimeter
Bolt Spacing Maximum	5.75 Inch   146.05Millimeter
Bolt Spacing Minimum	4.938 Inch   125.425Millimeter
Actual Bolt Center to Center	0 Inch   0Millimeter



## NTN Bearing Manufacturing of Canada

Nominal Bolt Center to Center	5.4 Inch   136 Millimeter
Base to Center Height	1.938 Inch   49.225 Millimeter
Length Thru Bore	1.719 Inch   43.663 Millimeter
Housing material	Cast iron
A <sub>1</sub>	30 mm
A <sub>5</sub>	26 mm
B <sub>1</sub>	43.2 mm
H <sub>1</sub>	49.2 mm
H <sub>2</sub>	19 mm
J max.	146 mm
J min.	125 mm
N <sub>1</sub>	14 mm
s <sub>1</sub>	32.7 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	3.5 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>	161 mm
J <sub>7</sub>	17 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C <sub>0</sub>	19 kN
Fatigue load limit P <sub>u</sub>	0.8 kN
Limiting speed	4800 r/min
Mass bearing unit	1.85 kg
Thread grub screw G <sub>2</sub>	3/8-24 UNF
Hexagonal key size for grub screw N	4.763 mm



## NTN Bearing Manufacturing of Canada

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