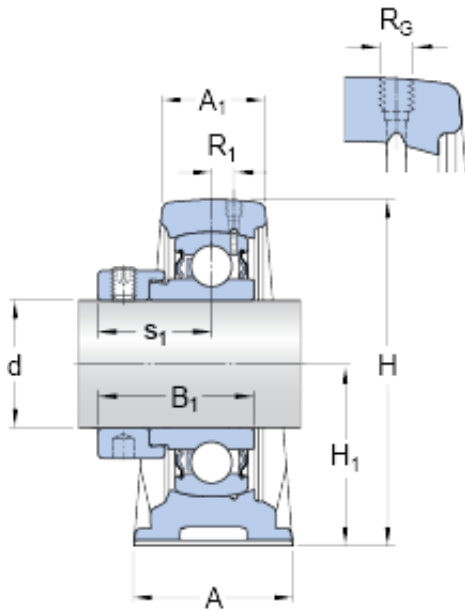




# NTN BEARING USA CORP.

## skf SY 1.1/8 FM Ball bearing plummer block units

Bearing No. SY 1.1/8 FM



SY 1.1/8 FM Bearing 2D drawings and 3D CAD models

Size	28.575x40x25 mm
Bore Diameter	28,575 mm
Outer Diameter	40 mm
Width	25 mm
d	28.575 mm
A	40 mm
A <sub>1</sub>	25 mm
B <sub>1</sub>	35.7 mm
H	83.5 mm
H <sub>1</sub>	42.9 mm
H <sub>2</sub>	17 mm
J	117.5 mm
J - max.	127 mm
J - min.	108 mm
L	152 mm
H	23.5 mm
N <sub>1</sub>	14 mm
s <sub>1</sub>	26.7 mm
J <sub>6</sub>	140 mm
J <sub>7</sub>	14 mm
N <sub>4</sub>	3 mm
D <sub>N</sub>	6.579 mm
SW <sub>N</sub>	11.112 mm
G <sub>N</sub> - 1/8-27 NPT	1/827 NPT



## NTN BEARING USA CORP.

R <sub>G</sub> - 1/8-27 NPT	1/827 NPT
R <sub>1</sub>	1.5 mm
R	45 °
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
Weight	1.15 kg
Hexagonal key size for grub screw - H	3.969 mm
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.151
EAN	7316576615689
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 206-102
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Inch
Other Features	Single Row   Standard Duty   Narrow Inner Race   Y Bearing



## NTN BEARING USA CORP.

Long Description	2 Bolt Pillow Block; 1-1/8" 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 I
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 1.1/8 FM
Weight / LBS	3
Nominal Bolt Center to Center	4.6 Inch   118 Millimeter
Bolt Spacing Maximum	5 Inch   127 Millimeter
Bore	1.125 Inch   28.575 Millimeter
Base to Center Height	1.688 Inch   42.875 Millimeter
Length Thru Bore	1.406 Inch   35.7 Millimeter
Bolt Spacing Minimum	4.25 Inch   107.95 Millimeter
Actual Bolt Center to Center	0 Inch   0 Millimeter
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	23.5 mm



## NTN BEARING USA CORP.

$N_1$	14 mm
$s_1$	26.7 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
$J_6$	140 mm
$J_7$	14 mm
$N_4$	4 mm
Basic dynamic load rating C	19.5 kN
Basic static load rating $C_0$	11.2 kN
Fatigue load limit $P_u$	0.475 kN
Mass bearing unit	1.15 kg
Thread grub screw $G_2$	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m
Recommended diameter for attachment bolts, mm G	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in
Housing	SY 506 M
Bearing	YET 206-102
End cover	ECY 206