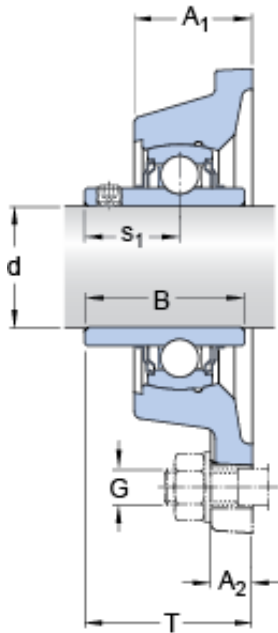




## Bearing Manufacturing of America

### FY 1.1/2 TF/VA228 SKF High Temperature Ball Bearings

Bearing No. FY 1.1/2 TF/VA228



FY 1.1/2 TF/VA228 Bearing 2D drawings and 3D CAD models

Size	38.5x38.1x14 mm
Bore Diameter	38,5 mm
Outer Diameter	38,1 mm
Width	14 mm
d	38.1 mm
A <sub>1</sub>	38.5 mm
A <sub>2</sub>	14 mm
J	101.5 mm
L	130 mm
T	54.2 mm
H	14.3 mm
B	49.2 mm
s <sub>1</sub>	30.2 mm
Basic dynamic load rating - C	30.7 kN
Basic static load rating - C <sub>0</sub>	19 kN
Limiting speed	150 r/min
Limiting temperature - T	350 ° C
Mass bearing unit	1.94 kg
Grub (set) screw - G <sub>2</sub> - 5/16-24 UNF	5/1624 UNF
Hexagonal key size for grub screw - H	3.969 mm
Recommended tightening torque for grub screw	6.5 N · m
Category	Flange Block Bearings



## Bearing Manufacturing of America

Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2
Product Group	M06110
Number of Mounting Holes	4
Mounting Method	Set Screw
Housing Style	4 Bolt Square Flange Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	1/2 Inch
Relubricatable	Yes
Insert Part Number	YAR 208-108-2FW/VA228
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot
Inch - Metric	Inch
Long Description	4 Bolt Square Flange Block; 1-1/2" Bore; 5.7" Bolt Circle; 4" Bolt Spacing; 1 Piece Solid; Set Screw Mount; Cast Iron; Ball Bearing; 1-15/16" Length Thru Bore; Relubricatable; M Se
Other Features	Single Row   Standard Duty   Wide Inner Race   Open End   High Temperature Bearing with Graphite   Has Flinger   Y Bearing
Category	Flange Block
UNSPSC	31171501
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Flanged



## Bearing Manufacturing of America

Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	FY 1.1/2 TF/VA228
Weight / LBS	4.4
Cartridge Pilot Depth	0 Inch   0 Millimeter
Bore	1.5 Inch   38.1 Millimeter
Cartridge Pilot Diameter	0 Inch   0 Millimeter
Bolt Spacing	4 Inch   102 Millimeter
Nominal Bolt Circle Diameter Round	5.7 Inch   144 Millimeter
Length Thru Bore	1.938 Inch   49.225 Millimeter
bore diameter:	1.5000 in
radial static load capacity:	4280 lbf
bolt center-to-center length:	101 mm
seal type:	Contact Seal
overall length/diameter:	130 mm
length through bore:	54.2 mm
bore type:	Round
operating temperature range:	-30 to +120 ° F
mounting type:	Four-Bolt Flange
finish/coating:	Uncoated
housing material:	Cast Iron
lubrication type:	Cannot Be Relubricated
locking device:	Set Screw
series:	FY
expansion type:	Non-Expansion Bearing (Fixed)
manufacturer upc number:	7316571381237
A <sub>1</sub>	38.5 mm
A <sub>2</sub>	14 mm
N	14.3 mm
s <sub>1</sub>	30.2 mm



## Bearing Manufacturing of America

Basic dynamic load rating C	30.7 kN
Basic static load rating $C_0$	19 kN
Limiting temperature T max.	350 ° C
Grub (set) screw $G_2$	5/16-24 UNF
Hexagonal key size for grub screw N	3.969 mm
Attachment bolts, recommended metric size G	12 mm