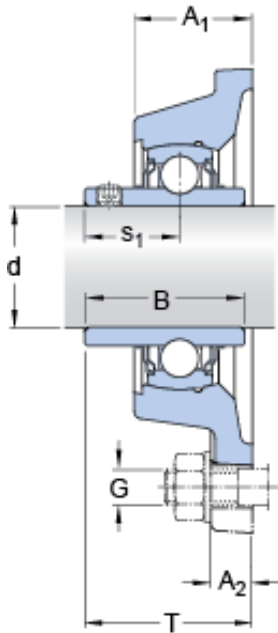




Bearing Manufacturing of America



FY 50 TF/VA228 Bearing 2D drawings and 3D CAD models

FY 50 TF/VA228 SKF High Temperature Ball Bearings

Bearing No. FY 50 TF/VA228

Size	43x50x15 mm
Bore Diameter	43 mm
Outer Diameter	50 mm
Width	15 mm
d	50 mm
A ₁	43 mm
A ₂	15 mm
J	111 mm
L	143 mm
T	60.6 mm
H	15.9 mm
B	51.6 mm
s ₁	32.6 mm
Basic dynamic load rating - C	35.1 kN
Basic static load rating - C ₀	23.2 kN
Limiting speed	120 r/min
Limiting temperature - T	350 ° C
Mass bearing unit	2.49 kg
Grub (set) screw - G ₂	M10x1
Hexagonal key size for grub screw - H	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Category	Flange Block Bearings
Inventory	0.0



Bearing Manufacturing of America

Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.5
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	14 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 210-2FW/VA228
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot
Inch - Metric	Metric
Long Description	4 Bolt Square Flange Block; 50MM Bore; 157MM Bolt Circle; 111MM Bolt Spacing; 1 Piece Solid; Set Screw Mount; Cast Iron; Ball Bearing; 51.6MM Length Thru Bore; Relubricatable; M Seal Seals
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	http://www.skf.com
Manufacturer Item Number	FY 50 TF/VA228
Weight / LBS	5.51
Cartridge Pilot Depth	0 Inch 0 Millimeter
Length Thru Bore	2.031 Inch 51.6 Millimeter
Bore	1.969 Inch 50 Millimeter
Nominal Bolt Circle Diameter Round	6.2 Inch 157 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Bolt Spacing	4.37 Inch 111 Millimeter
bore diameter:	50 mm
radial static load capacity:	23.2 kN
bolt center-to-center length:	111 mm
seal type:	Contact Seal
overall length/diameter:	143 mm
length through bore:	60.6 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:	7316571382579
A ₁	43 mm
A ₂	15 mm
N	15.9 mm
s ₁	32.6 mm
Basic dynamic load rating C	35.1 kN



Bearing Manufacturing of America

Basic static load rating C_0	23.2 kN
Limiting temperature T max.	350 ° C
Grub (set) screw G_2	M10x1
Hexagonal key size for grub screw N	5 mm
Attachment bolts, recommended metric size G	14 mm