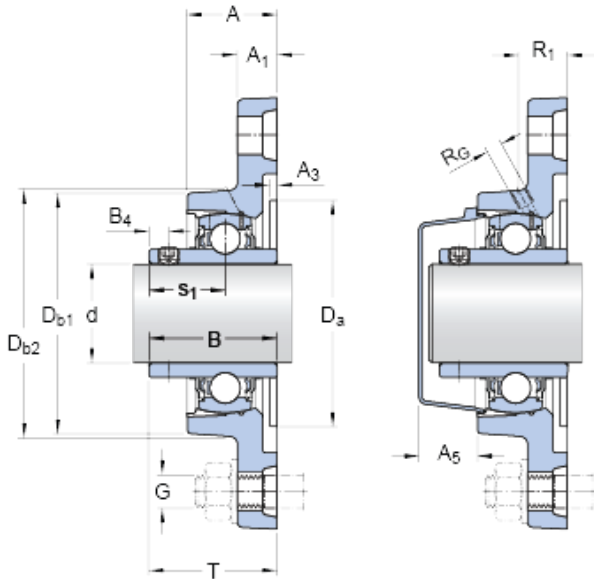




# NTN Bearing Rolamentos do Brasil Ltda.



## skf FYTB 1.1/2 TF Ball bearing oval flanged units

Bearing No. FYTB 1.1/2 TF

Size	38.1x38.5x14 mm
Bore Diameter	38,1 mm
Outer Diameter	38,5 mm
Width	14 mm
d	38.1 mm
A	38.5 mm
A <sub>1</sub>	14 mm
A <sub>3</sub> - H14	3.2 mm
A <sub>5</sub>	23.5 mm
B	49.2 mm
B <sub>4</sub>	8 mm
D <sub>a</sub> - H11	88.9 mm
D <sub>b1</sub>	98 mm
D <sub>b2</sub>	102 mm
J	143.5 mm
H	171.5 mm
L	102 mm
H	14 mm
s <sub>1</sub>	30.2 mm
T	54.2 mm
J <sub>6</sub>	115.5 mm
J <sub>7</sub>	16 mm
N <sub>4</sub>	2 mm
D <sub>N</sub>	6.5 mm
SW <sub>N</sub>	7 mm

FYTB 1.1/2 TF Bearing 2D drawings and 3D CAD models



## NTN Bearing Rolamentos do Brasil Ltda.

$G_N$ - 1/4-28 SAE-LT	1/428 SAELT
$R_G$ - 1/4-28 UNF	1/428 UNF
$R_1$	24.5 mm
R	45 °
Basic dynamic load rating - C	30.7 kN
Basic static load rating - $C_0$	19 kN
Fatigue load limit - $P_u$	0.8 kN
Limiting speed	4800 r/min
Mass bearing unit	1.55 kg
Thread - $G_2$ - 5/16-24 UNF	5/1624 UNF
Hexagonal key size for grub screw - H	3.969 mm
Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.7
EAN	7316570299977
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw
Housing Style	2 Bolt 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 208-108-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot



## NTN Bearing Rolamentos do Brasil Ltda.

Inch - Metric	Inch
Long Description	2 Bolt Flange Block; 1-1/2" Bore; 5.7" Bolt Circle; 5.65" Bolt Spacing; 1 Piece Solid; Set Screw Mount; Cast Iron; Ball Bearing; 1-15/16" Length Thru Bore; Relubricatable; M Seal S
Other Features	Single Row   Standard Duty   Wide Inner Race   Open End   Has Flinger   Y Bearing
Category	Flange Block
UNSPSC	31171501
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Flanged
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	FYTB 1.1/2 TF
Weight / LBS	3.75
Bore	1.5 Inch   38.1 Millimeter
Length Thru Bore	1.937 Inch   49.2 Millimeter
Cartridge Pilot Diameter	0 Inch   0 Millimeter
Bolt Spacing	5.65 Inch   143.5 Millimeter
Cartridge Pilot Depth	0 Inch   0 Millimeter
Nominal Bolt Circle Diameter Round	5.7 Inch   144 Millimeter
bore diameter:	1.5000 in
radial static load capacity:	4280 lbf
bolt center-to-center length:	143.5 mm
length through bore:	54.2 mm
overall length/diameter:	102 mm
finish/coating:	Uncoated
bore type:	Round
maximum rpm:	4800 RPM



## NTN Bearing Rolamentos do Brasil Ltda.

mounting type:	Two-Bolt Flange
lubrication type:	Lubrication Fitting
housing material:	Cast Iron
series:	FYTB
locking device:	Set Screw
replacement bearing:	YAR 208-108-2F
expansion type:	Non-Expansion Bearing (Fixed)
manufacturer upc number:	7316570299977
radial dynamic load capacity:	6910 lbf
Housing material	Cast iron
$D_a$	88.9 mm
$D_{b1}$	98 mm
$D_{b2}$	102 mm
$A_1$	14 mm
$A_3$	3.2 mm
$A_5$	26 mm
$B_4$	8 mm
$N$	14 mm
$s_1$	30.2 mm
$R_G$	1/4-28 UNF
$R_1$	24.5 mm
$R$	45 °
$D_N$	6.5 mm
$SW_N$	7 mm
$G_N$	1/4-28 SAE-LT
$J_6$	115.5 mm
$J_7$	16 mm
$N_4$	2 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating $C_0$	19 kN
Fatigue load limit $P_u$	0.8 kN



## NTN Bearing Rolamentos do Brasil Ltda.

Thread grub screw G <sub>2</sub>	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