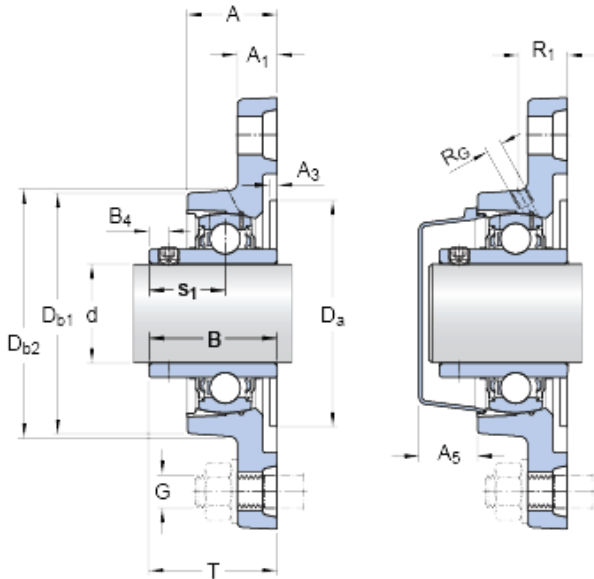




NTN Bearing Rolamentos do Brasil Ltda.



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 ₁	14 mm
A ₃ - H14	3.2 mm
A ₅	23.5 mm
B	49.2 mm
B ₄	8 mm
D _a - H11	88.9 mm
D _{b1}	98 mm
D _{b2}	102 mm
J	143.5 mm
H	171.5 mm
L	102 mm
H	14 mm
s ₁	30.2 mm
T	54.2 mm
J ₆	115.5 mm
J ₇	16 mm
N ₄	2 mm
D _N	6.5 mm
SW _N	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	http://www.skf.com
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 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	FYTB 508 M
Bearing	YAR 208-108-2F
End cover	ECY 208