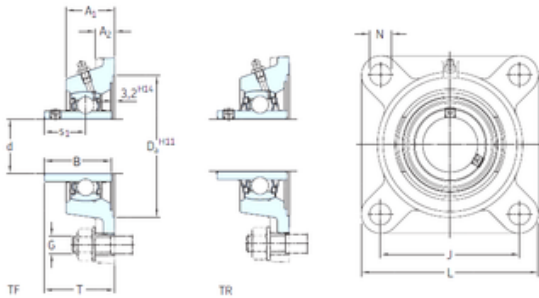




NTN BEARING-SUDAMERICANA, S.A.

SKF FY 45 TF Bearing unit

Bearing No. FY 45 TF



FY 45 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	45 mm
d	45 mm
Da	119,1 mm
s1	30,2 mm
A1	39 mm
B	49,2 mm
G	14 mm
J	105 mm
L	137 mm
N	16 mm
T	54,2 mm
A2	14 mm
Weight	2,1 Kg
Basic dynamic load rating (C)	33,2 kN
Basic static load rating (C0)	21,6 kN
Fatigue load limit (Pu)	0,915
Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.1
EAN	7316577069139
Product Group	M06110
Number of Mounting Holes	4
Mounting Method	Set Screw
Housing Style	4 Bolt Square Flange Block



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Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	14 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 209-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot
Inch - Metric	Metric
Long Description	4 Bolt Square Flange Block; 45MM Bore; 148MM Bolt Circle; 105MM Bolt Spacing; 1 Piece Solid; Set Screw Mount; Cast Iron; Ball Bearing; 49.2MM Length Thru Bore; Relubricatable; M Seal Seals
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	FY 45 TF
Weight / LBS	4.63
Bolt Spacing	4.134 Inch 105 Millimeter
Bore	1.772 Inch 45 Millimeter
Nominal Bolt Circle Diameter Round	5.8 Inch 148 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter



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Cartridge Pilot Diameter	0 Inch 0 Millimeter
Length Thru Bore	1.937 Inch 49.2 Millimeter
bore diameter:	45 mm
radial static load capacity:	21.6 kN
bolt center-to-center length:	105 mm
seal type:	Contact with Flinger
overall length/diameter:	137 mm
length through bore:	54.2 mm
bore type:	Round
operating temperature range:	Maximum of +110 ° F
duty type:	Standard Duty
finish/coating:	Uncoated
mounting type:	Four-Bolt Flange
maximum rpm:	4300 RPM
housing material:	Cast Iron
lubrication type:	Lubrication Fitting
locking device:	Set Screw
series:	FY
expansion type:	Non-Expansion Bearing (Fixed)
replacement bearing:	YAR 209-2F
radial dynamic load capacity:	33.2 kN
manufacturer upc number:	7316577069139
Housing material	Cast iron
D _a	119.1 mm
D _{b1}	102 mm
D _{b2}	112 mm
A	39 mm
A ₁	14 mm
A ₃	3.2 mm
A ₅	23 mm



NTN BEARING-SUDAMERICANA, S.A.

s_1	30.2 mm
R_G	1/4-28 UNF
R_1	24.5 mm
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
J_6	123 mm
J_7	33.5 mm
N_4	4 mm
Basic dynamic load rating C	33.2 kN
Basic static load rating C_0	21.6 kN
Fatigue load limit P_u	0.915 kN
Limiting speed	4300 r/min
Mass bearing unit	1.9 kg
Thread grub screw G_2	M8x1
Hexagonal key size for grub screw N	4 mm
Recommended tightening torque for grub screw	6.5 N · m
Recommended diameter for attachment bolts, mm G	14 mm
Recommended diameter for attachment bolts, inch G	0.5625 in