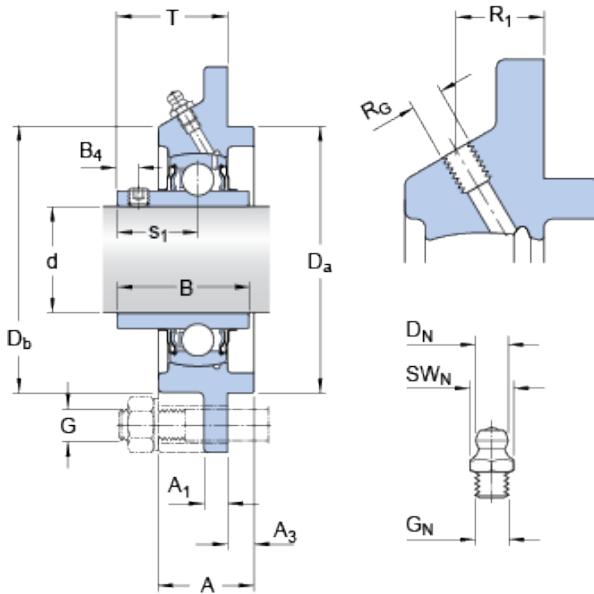




NTN Bearing de Mexico, S.A.



SKF FYC 25 TF bearing units

Bearing No. FYC 25 TF

Size	25x27x7 mm
Bore Diameter	25 mm
Outer Diameter	27 mm
Width	7 mm
d	25 mm
A	27 mm
A ₁	7 mm
A ₃	6 mm
B	34.1 mm
B ₄	5 mm
D _a - h8	70 mm
D _b	70 mm
J	90 mm
J ₁	63.6 mm
L	115 mm
H	12 mm
s ₁	19.8 mm
T	29.8 mm
D _N	6.5 mm
SW _N	7 mm
G _N - 1/4-28 SAE-LT	1/428 SAE-LT
R _G - 1/4-28 UNF	1/428 UNF
R ₁	16 mm
Basic dynamic load rating - C	14 kN

FYC 25 TF Bearing 2D drawings and 3D CAD models



NTN Bearing de Mexico, S.A.

Basic static load rating - C ₀	7.8 kN
Fatigue load limit - P _u	0.335 kN
Limiting speed with shaft tolerance h6	7000 r/min
Weight	0.92 kg
Thread - G ₂	M6x0.75
Hexagonal key size for grub screw - H	3 mm
Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.975
Product Group	M06110
Number of Mounting Holes	4
Mounting Method	Set Screw
Housing Style	4 Bolt Round Flange Cartridge
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	10 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 205-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	With Pilot
Inch - Metric	Metric
Long Description	4 Bolt Round Flange Cartridge; 25MM Bore; 90MM Bolt Circle; 63.6MM Bolt Spacing; 1 Piece Solid; Set Screw Mount; Cast Iron; Ball Bearing; 34.1MM



NTN Bearing de Mexico, S.A.

	Length Thru Bore; Relubricatable; M Seal Seals
Other Features	Single Row 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	FYC 25 TF
Weight / LBS	2.05
Cartridge Pilot Depth	0.236 Inch 6 Millimeter
Cartridge Pilot Diameter	2.756 Inch 70 Millimeter
Bore	0.984 Inch 25 Millimeter
Length Thru Bore	1.343 Inch 34.1 Millimeter
Bolt Spacing	2.504 Inch 63.6 Millimeter
Nominal Bolt Circle Diameter Round	3.5 Inch 90 Millimeter
bore diameter:	25 mm
radial static load capacity:	7.8 kN
bolt circle diameter:	3.5433 in
end type:	Open
overall length/diameter:	115 mm
length through bore:	29.8 mm
bore type:	Round
finish/coating:	Uncoated
mounting type:	Four-Bolt Piloted
lubrication type:	Lubrication Fitting
housing material:	Cast Iron
series:	FYC
locking device:	Set Screw



NTN Bearing de Mexico, S.A.

replacement bearing:	YAR 205-2F
expansion type:	Non-Expansion Bearing (Fixed)
manufacturer upc number:	7316577758149
radial dynamic load capacity:	14 kN
Housing material	Cast iron
A_1	7 mm
A_3	6 mm
B_4	5 mm
D_a	70 mm
D_b	70 mm
J_1	63.6 mm
N	12 mm
s_1	19.8 mm
R_G	1/4-28 UNF
R_1	16 mm
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
Basic dynamic load rating C	14 kN
Basic static load rating C_0	7.8 kN
Fatigue load limit P_u	0.335 kN
Mass unit	0.92 kg
Thread grub screw G_2	M6x0.75
Hexagonal key size for grub screw N	3 mm
Recommended tightening torque for grub screw	4 N · m
Recommended diameter for attachment bolts, mm G	10 mm
Recommended diameter for attachment bolts, inch G	0.375 in