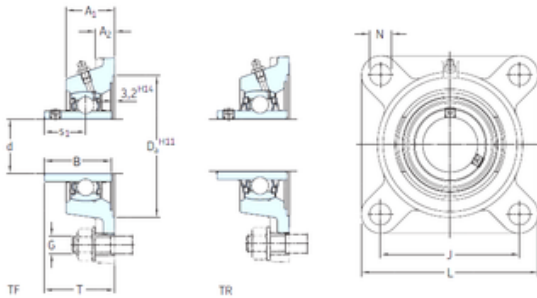




Bearing Manufacturing of America

SKF FY 1. FM bearing units



Bearing No. FY 1. FM

Bore Diameter	25,4 mm
d	25,4 mm
s1	23,5 mm
A1	30 mm
B1	31 mm
G	10 mm
J	70 mm
L	95 mm
T	42,5 mm
A2	12 mm
Weight	0,78 Kg
Basic dynamic load rating (C)	14 kN
Basic static load rating (C0)	7,8 kN
Fatigue load limit (Pu)	0,335
Category	Flange Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.84
EAN	7316576614323
Product Group	M06110
Number of Mounting Holes	4
Mounting Method	Eccentric Collar
Housing Style	4 Bolt Square Flange Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron

FY 1. FM Bearing 2D drawings and 3D CAD models



Bearing Manufacturing of America

Expansion / Non-expansion	Non-expansion
Mounting Bolts	7/16 Inch
Relubricatable	Yes
Insert Part Number	YET 205-100
Seals	M Seal
Housing Configuration	1 Piece Solid
Pilot Configuration	No Pilot
Inch - Metric	Inch
Long Description	4 Bolt Square Flange Block; 1" Bore; 4" Bolt Circle; 2-3/4" Bolt Spacing; 1 Piece Solid; Eccentric Collar Mount; Cast Iron; Ball Bearing; 1-7/32" Length Thru Bore; Relubricatable;
Other Features	Single Row Standard Duty Narrow Inner Race Open End 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 1. FM
Weight / LBS	1.85
Length Thru Bore	1.219 Inch 30.96 Millimeter
Cartridge Pilot Depth	0 Inch 0 Millimeter
Nominal Bolt Circle Diameter Round	4 Inch 101.6 Millimeter
Bolt Spacing	2.75 Inch 69.85 Millimeter
Bore	1 Inch 25.4 Millimeter
Cartridge Pilot Diameter	0 Inch 0 Millimeter
Housing material	Cast iron



Bearing Manufacturing of America

D_a	74.6 mm
D_{b1}	65 mm
D_{b2}	71 mm
A	30 mm
A_1	12 mm
A_3	3.2 mm
A_5	20.5 mm
B_1	31 mm
N	11.5 mm
s_1	23.5 mm
R_G	1/4-28 UNF
R_1	21 mm
D_N	6.5 mm
SW_N	7 mm
G_N	1/4-28 SAE-LT
J_6	83 mm
J_7	19 mm
N_4	4 mm
Basic dynamic load rating C	14 kN
Basic static load rating C_0	7.8 kN
Fatigue load limit P_u	0.335 kN
Limiting speed	7000 r/min
Mass bearing unit	0.71 kg
Thread grub screw G_2	1/4-28 UNF
Hexagonal key size for grub screw N	3.175 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