



FAG BEARING LIMITED



SKF SY 7/8 TF bearing units

Bearing No. SY 7/8 TF

SY 7/8 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	22,225 mm
d	22,225 mm
s1	19,8 mm
A	36 mm
A1	22 mm
B	34,1 mm
G	10 mm
H	70 mm
H1	36,5 mm
H2	16 mm
J	102 mm
L	130 mm
N	19,5 mm
N1	11,5 mm
Weight	0,81 Kg
Basic dynamic load rating (C)	14 kN
Basic static load rating (C0)	7,8 kN
Fatigue load limit (Pu)	0,335
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.82
EAN	7316577755568
Product Group	M06110
Number of Mounting Holes	2



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Mounting Method	Set Screw
Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	3/8 Inch
Relubricatable	Yes
Insert Part Number	YAR 205-014-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Inch
Other Features	Single Row Standard Duty Wide Inner Race Y Bearing Has Flinger
Long Description	2 Bolt Pillow Block; 7/8" Bore; 1-7/16" Base to Center Height; Set Screw Mount; Ball Bearing; 3-11/16" Minimum Bolt Spacing; 4-11/32" Bolt Spacing Maximum; Relubricatable; Cast Iron
Category	Pillow Block
UNSPSC	31171511
Harmonized Tariff Code	8483.20.40.40
Noun	Bearing
Keyword String	Pillow Block
Manufacturer URL	http://www.skf.com
Manufacturer Item Number	SY 7/8 TF
Weight / LBS	1.8
Bolt Spacing Maximum	4.344 Inch 110.338Millimeter
Actual Bolt Center to Center	0 Inch 0Millimeter
Nominal Bolt Center to Center	4.1 Inch 105 Millimeter



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Bolt Spacing Minimum	3.688 Inch 93.675 Millimeter
Length Thru Bore	1.344 Inch 34.13 Millimeter
Bore	0.875 Inch 22.225 Millimeter
Base to Center Height	1.438 Inch 36.525 Millimeter
Housing material	Cast iron
A ₁	22 mm
A ₅	20.5 mm
B ₄	5 mm
H ₁	36.5 mm
H ₂	16 mm
J max.	110 mm
J min.	94 mm
N ₁	11.5 mm
s ₁	19.8 mm
R _G	1/4-28 UNF
R ₁	2 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	120 mm
J ₇	13 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	0.75 kg
Thread grub screw G ₂	1/4-28 UNF



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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
Housing	SY 505 M
Bearing	YAR 205-014-2F
End cover	ECY 205