



SKF SYJ 70 TF Bearing Units

Bearing No. SYJ 70 TF

SYJ 70 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	70 mm
d	70 mm
s1	39,7 mm
A	72 mm
A1	46 mm
B	69,9 mm
G	20 mm
H	156 mm
H1	79,4 mm
H2	27 mm
J	210 mm
L	266 mm
N	30 mm
N1	25 mm
Weight	6,2 Kg
Basic dynamic load rating (C)	62,4 kN
Basic static load rating (C0)	45 kN
Fatigue load limit (Pu)	1,86
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	6.22
EAN	7316571116396
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	20 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 214-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Y Bearing With Grub Screw
Long Description	2 Bolt Pillow Block; 70MM Bore; 79.4MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non-expansion
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	SYJ 70 TF
Weight / LBS	13.7
Bolt Spacing Maximum	0 Inch 0Millimeter
Nominal Bolt Center to Center	8.3 Inch 210 Millimeter
Length Thru Bore	2.752 Inch 69.9 Millimeter
Base to Center Height	3.126 Inch 79.4 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bore	2.756 Inch 70 Millimeter



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Actual Bolt Center to Center	8.3 Inch 210Millimeter
Housing material	Cast iron
A ₁	46 mm
B ₄	12 mm
H ₁	79.4 mm
H ₂	27 mm
J max.	215 mm
J min.	205 mm
N ₁	25 mm
s ₁	39.7 mm
R _G	1/4-28 UNF
R ₁	6 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	246 mm
J ₇	26 mm
N ₄	4 mm
Basic dynamic load rating C	62.4 kN
Basic static load rating C ₀	45 kN
Fatigue load limit P _u	1.86 kN
Limiting speed	2800 r/min
Mass bearing unit	6.2 kg
Thread grub screw G ₂	M10x1
Hexagonal key size for grub screw N	5 mm
Recommended tightening torque for grub screw	16.5 N · m
Recommended diameter for attachment bolts, mm G	20 mm
Recommended diameter for attachment bolts, inch G	0.75 in



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