



PFG BEARING LIMITED



skf syj 50 tf bearing

Bearing No. syj 50 tf

syj 50 tf Bearing 2D drawings and 3D CAD models

Bore Diameter	50 mm
d	50 mm
s1	32,6 mm
A	58 mm
A1	38 mm
B	51,6 mm
G	16 mm
H	114,5 mm
H1	57,2 mm
H2	22 mm
J	157,5 mm
L	206 mm
N	26,5 mm
N1	20 mm
Weight	2,95 Kg
Basic dynamic load rating (C)	35,1 kN
Basic static load rating (C0)	23,2 kN
Fatigue load limit (Pu)	0,98
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	2.95
EAN	7316570925890
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	16 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 210-2F
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; 50MM Bore; 57.2MM 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 50 TF
Weight / LBS	6.5
Base to Center Height	2.252 Inch 57.2 Millimeter
Length Thru Bore	2.031 Inch 51.59 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Bore	1.969 Inch 50 Millimeter
Nominal Bolt Center to	6.3 Inch 160 Millimeter



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Center	
Actual Bolt Center to Center	6.2 Inch 157Millimeter
Housing material	Cast iron
A ₁	38 mm
B ₄	9 mm
H ₁	57.2 mm
H ₂	22 mm
J max.	164 mm
J min.	151 mm
N ₁	20 mm
s ₁	32.6 mm
R _G	1/4-28 UNF
R ₁	3.5 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	190 mm
J ₇	21 mm
N ₄	4 mm
Basic dynamic load rating C	35.1 kN
Basic static load rating C ₀	23.2 kN
Fatigue load limit P _u	0.98 kN
Limiting speed	4000 r/min
Mass bearing unit	2.75 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	16 mm



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Recommended diameter for attachment bolts, inch G	0.625 in
Housing	SYJ 510
Bearing	YAR 210-2F