



# NTN DRIVESHAFT ANDERSON, INC.



## SKF SYJ 20 TF bearing units

Bearing No. SYJ 20 TF

SYJ 20 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	20 mm
d	20 mm
s1	18,3 mm
A	34 mm
A1	23 mm
B	31 mm
G	10 mm
H	65 mm
H1	33,3 mm
H2	14 mm
J	97 mm
L	127 mm
N	20,7 mm
N1	13 mm
Weight	0,55 Kg
Basic dynamic load rating (C)	12,7 kN
Basic static load rating (C0)	6,55 kN
Fatigue load limit (Pu)	0,28
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.55
EAN	7316570219579
Product Group	M06110
Number of Mounting Holes	2



## NTN DRIVESHAFT ANDERSON, INC.

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	10 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 204-2F
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; 20MM Bore; 33.3MM 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	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	SYJ 20 TF
Weight / LBS	1.21
Length Thru Bore	1.22 Inch   31 Millimeter
Actual Bolt Center to Center	3.8 Inch   96Millimeter
Nominal Bolt Center to Center	3.8 Inch   97 Millimeter
Base to Center Height	1.311 Inch   33.3 Millimeter
Bore	0.787 Inch   20 Millimeter



## NTN DRIVESHAFT ANDERSON, INC.

Bolt Spacing Maximum	0 Inch   0Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
Housing material	Cast iron
A <sub>1</sub>	23 mm
B <sub>4</sub>	4.5 mm
H <sub>1</sub>	33.3 mm
H <sub>2</sub>	14 mm
J max.	105 mm
J min.	89 mm
N <sub>1</sub>	13 mm
s <sub>1</sub>	18.3 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	2 mm
R	45 °
D <sub>N</sub>	6.5 mm
SW <sub>N</sub>	7 mm
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	118 mm
J <sub>7</sub>	12.5 mm
N <sub>4</sub>	2 mm
Basic dynamic load rating C	12.7 kN
Basic static load rating C <sub>0</sub>	6.55 kN
Fatigue load limit P <sub>u</sub>	0.28 kN
Limiting speed	8500 r/min
Mass bearing unit	0.55 kg
Thread grub screw G <sub>2</sub>	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	0.375 in



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attachment bolts, inch G	
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