



# BEARING DRIVESHAFT, INC.



## skf syj 55 tf bearing

Bearing No. syj 55 tf

syj 55 tf Bearing 2D drawings and 3D CAD models

Bore Diameter	55 mm
d	55 mm
s1	33,4 mm
A	60 mm
A1	40 mm
B	55,6 mm
G	16 mm
H	126 mm
H1	63,5 mm
H2	24 mm
J	171,5 mm
L	219 mm
N	27,5 mm
N1	20 mm
Weight	3,7 Kg
Basic dynamic load rating (C)	43,6 kN
Basic static load rating (C0)	29 kN
Fatigue load limit (Pu)	1,25
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	3.71
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw



## BEARING DRIVESHAFT, INC.

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 211-2F
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; 55MM Bore; 63.5MM 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 55 TF
Weight / LBS	8.16
Actual Bolt Center to Center	6.8 Inch   171.5Millimeter
Bore	2.165 Inch   55 Millimeter
Nominal Bolt Center to Center	6.8 Inch   171.5 Millimeter
Length Thru Bore	2.189 Inch   55.6 Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
Base to Center Height	2.5 Inch   63.5 Millimeter



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Bolt Spacing Maximum	0 Inch   0 Millimeter
Housing material	Cast iron
A <sub>1</sub>	40 mm
B <sub>4</sub>	9 mm
H <sub>1</sub>	63.5 mm
H <sub>2</sub>	24 mm
J max.	180 mm
J min.	163 mm
N <sub>1</sub>	20 mm
s <sub>1</sub>	33.4 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	5 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>	201 mm
J <sub>7</sub>	21 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	43.6 kN
Basic static load rating C <sub>0</sub>	29 kN
Fatigue load limit P <sub>u</sub>	1.25 kN
Limiting speed	3600 r/min
Mass bearing unit	3.4 kg
Thread grub screw G <sub>2</sub>	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
Recommended diameter for attachment bolts, inch G	0.625 in



## BEARING DRIVESHAFT, INC.

Housing	SYJ 511
Bearing	YAR 211-2F