



**Bearing No. SYJ 100 TF**

J	308 mm
d	100 mm
N	48 mm
A	95 mm
L	380 mm
B	98,4 mm
G	24 mm
H	226 mm
N1	26 mm
H2	38 mm
H1	115 mm
A1	57 mm
s1	63,4 mm
Bore	3.937 Inch   100 Millimeter
Noun	Bearing
Seals	M Seal
J min.	286 mm
Weight	19 Kg
UNSPSC	31171511
J max.	330 mm
Category	Pillow Block
Inventory	0.0
Weight / LBS	41.9
Inch - Metric	Metric
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	352 mm
D <sub>N</sub>	6.5 mm
A <sub>1</sub>	57 mm
R <sub>1</sub>	10.5 mm

B <sub>4</sub>	18 mm
H <sub>1</sub>	115 mm
Housing Style	2 Bolt Pillow Block
H <sub>2</sub>	38 mm
J <sub>7</sub>	33.5 mm
Product Group	M06110
N <sub>1</sub>	26 mm
N <sub>4</sub>	4 mm
s <sub>1</sub>	63.4 mm
R <sub>G</sub>	1/4-28 UNF
SW <sub>N</sub>	7 mm
Keyword String	Pillow Block
Bearing number	SYJ 100 TF
Relubricatable	Yes
R <sub>?</sub>	45 °
Limiting speed	1900 r/min
Other Features	Single Row   Y Bearing   With Grub Screw
Mounting Bolts	24 Millimeter
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Housing material	Cast iron
Length Thru Bore	3.874 Inch   98.4 Millimeter
Long Description	2 Bolt Pillow Block; 100MM Bore; 115MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non-expansion
Weight / Kilogram	19.02
Manufacturer Name	SKF

Mass bearing unit	17.6 kg
Insert Part Number	YAR 220-2F
Bore Diameter (mm)	100
Bolt Spacing Minimum	0 Inch   0Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
Minimum Buy Quantity	N/A
Housing Configuration	1 Piece Solid
Base to Center Height	4.528 Inch   115 Millimeter
Harmonized Tariff Code	8483.20.40.40
Fatigue load limit (Pu)	3,35
Manufacturer Item Number	SYJ 100 TF
Number of Mounting Holes	2
Expansion / Non-expansion	Non-expansion
Basic dynamic load rating C	124 kN
Actual Bolt Center to Center	12.1 Inch   308Millimeter
Nominal Bolt Center to Center	12.1 Inch   308.5 Millimeter
Basic static load rating (C0)	93 kN
Basic dynamic load rating (C)	124 kN
Thread grub screw G <sub>2</sub>	M12x1.5
Fatigue load limit P <sub>u</sub>	3.35 kN
Hexagonal key size for grub screw N	6 mm
Basic static load rating C <sub>0</sub>	93 kN
Recommended tightening torque for grub screw	28.5 N·m

Recommended diameter for attachment bolts, mm G	24 mm
Recommended diameter for attachment bolts, inch G	0.9375 in