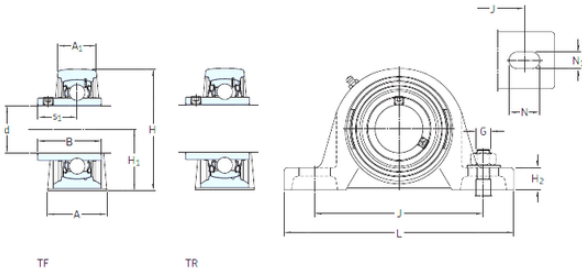




# Bearing company



## skf syj 100 tf bearing

Bearing No. syj 100 tf

syj 100 tf Bearing 2D drawings and 3D CAD models

Bore Diameter	100 mm
d	100 mm
s1	63,4 mm
A	95 mm
A1	57 mm
B	98,4 mm
G	24 mm
H	226 mm
H1	115 mm
H2	38 mm
J	308 mm
L	380 mm
N	48 mm
N1	26 mm
Weight	19 Kg
Basic dynamic load rating (C)	124 kN
Basic static load rating (C0)	93 kN
Fatigue load limit (Pu)	3,35
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	19.02
EAN	7316571089225
Product Group	M06110
Number of Mounting Holes	2



## Bearing company

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	24 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 220-2F
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; 100MM Bore; 115MM 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 100 TF
Weight / LBS	41.9
Base to Center Height	4.528 Inch   115 Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
Bore	3.937 Inch   100 Millimeter
Length Thru Bore	3.874 Inch   98.4 Millimeter
Actual Bolt Center to Center	12.1 Inch   308Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter



## Bearing company

Nominal Bolt Center to Center	12.1 Inch   308.5 Millimeter
Housing material	Cast iron
A <sub>1</sub>	57 mm
B <sub>4</sub>	18 mm
H <sub>1</sub>	115 mm
H <sub>2</sub>	38 mm
J max.	330 mm
J min.	286 mm
N <sub>1</sub>	26 mm
s <sub>1</sub>	63.4 mm
R <sub>G</sub>	1/4-28 UNF
R <sub>1</sub>	10.5 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>	352 mm
J <sub>7</sub>	33.5 mm
N <sub>4</sub>	4 mm
Basic dynamic load rating C	124 kN
Basic static load rating C <sub>0</sub>	93 kN
Fatigue load limit P <sub>u</sub>	3.35 kN
Limiting speed	1900 r/min
Mass bearing unit	17.6 kg
Thread grub screw G <sub>2</sub>	M12x1.5
Hexagonal key size for grub screw N	6 mm
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



## Bearing company

Housing	SYJ 520
Bearing	YAR 220-2F