



**Bearing No. SYJ 90 TF**

J	262 mm
d	90 mm
N	35 mm
A	88 mm
L	327 mm
B	89 mm
G	22 mm
H	201 mm
N1	27 mm
H2	33 mm
H1	101,6 mm
A1	54 mm
s1	54 mm
Bore	3.543 Inch   90 Millimeter
Noun	Bearing
Seals	M Seal
J min.	254 mm
Weight	14 Kg
UNSPSC	31171511
J max.	270 mm
Category	Pillow Block
Inventory	0.0
Weight / LBS	30.9
Inch - Metric	Metric
G <sub>N</sub>	1/4-28 SAE-LT
D <sub>N</sub>	6.5 mm
J <sub>6</sub>	303 mm
A <sub>1</sub>	54 mm
R <sub>1</sub>	8.5 mm

B <sub>4</sub>	12 mm
H <sub>1</sub>	101.6 mm
Housing Style	2 Bolt Pillow Block
H <sub>2</sub>	33 mm
J <sub>7</sub>	32 mm
Product Group	M06110
N <sub>1</sub>	27 mm
N <sub>4</sub>	4 mm
s <sub>1</sub>	54 mm
R <sub>G</sub>	1/4-28 UNF
SW <sub>N</sub>	7 mm
Keyword String	Pillow Block
Bearing number	SYJ 90 TF
Relubricatable	Yes
Limiting speed	2000 r/min
Other Features	Single Row   Y Bearing   With Grub Screw
R <sub>?</sub>	45 °
Mounting Bolts	22 Millimeter
Mounting Method	Set Screw
Rolling Element	Ball Bearing
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Housing Material	Cast Iron
Housing material	Cast iron
Length Thru Bore	3.504 Inch   89 Millimeter
Long Description	2 Bolt Pillow Block; 90MM Bore; 100MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non-expansion
Weight / Kilogram	14.03
Manufacturer Name	SKF

Mass bearing unit	12.7 kg
Insert Part Number	YAR 218-2F
Bore Diameter (mm)	90
Bolt Spacing Minimum	0 Inch   0Millimeter
Bolt Spacing Maximum	0 Inch   0Millimeter
Minimum Buy Quantity	N/A
Base to Center Height	3.937 Inch   100 Millimeter
Housing Configuration	1 Piece Solid
Harmonized Tariff Code	8483.20.40.40
Fatigue load limit (Pu)	2,7
Manufacturer Item Number	SYJ 90 TF
Number of Mounting Holes	2
Expansion / Non-expansion	Non-expansion
Basic dynamic load rating C	95.6 kN
Actual Bolt Center to Center	10.3 Inch   262Millimeter
Nominal Bolt Center to Center	10.3 Inch   260.5 Millimeter
Basic static load rating (C0)	72 kN
Basic dynamic load rating (C)	95,6 kN
Thread grub screw G <sub>2</sub>	M12x1.5
Fatigue load limit P <sub>u</sub>	2.7 kN
Hexagonal key size for grub screw N	6 mm
Basic static load rating C <sub>0</sub>	72 kN
Recommended tightening torque for grub screw	28.5 N·m

Recommended diameter for attachment bolts, mm G	22 mm
Recommended diameter for attachment bolts, inch G	0.875 in