



**Bearing No. SYJ 80 TF**

J	232 mm
d	80 mm
N	35 mm
A	78 mm
L	292 mm
B	77,9 mm
G	20 mm
H	176 mm
N1	25 mm
H2	30 mm
H1	88,9 mm
A1	50 mm
s1	47,7 mm
Bore	3.15 Inch   80 Millimeter
Noun	Bearing
Seals	M Seal
J min.	222 mm
Weight	9,7 Kg
UNSPSC	31171511
J max.	242 mm
Category	Pillow Block
Inventory	0.0
Weight / LBS	21.4
Inch - Metric	Metric
G <sub>N</sub>	1/4-28 SAE-LT
J <sub>6</sub>	270 mm
D <sub>N</sub>	6.5 mm
A <sub>1</sub>	50 mm
R <sub>1</sub>	6.5 mm
B <sub>4</sub>	12 mm

H <sub>1</sub>	88.9 mm
Housing Style	2 Bolt Pillow Block
H <sub>2</sub>	30 mm
J <sub>7</sub>	28 mm
Product Group	M06110
N <sub>1</sub>	25 mm
N <sub>4</sub>	4 mm
S <sub>1</sub>	47.6 mm
R <sub>G</sub>	1/4-28 UNF
SW <sub>N</sub>	7 mm
Keyword String	Pillow Block
Bearing number	SYJ 80 TF
Relubricatable	Yes
Limiting speed	2400 r/min
Other Features	Single Row   Y Bearing   With Grub Screw
R <sub>?</sub>	45 °
Mounting Bolts	20 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	3.067 Inch   77.9 Millimeter
Long Description	2 Bolt Pillow Block; 80MM Bore; 88.9MM Base to Center Height; Set Screw Mount; Ball Bearing; Relubricatable; Cast Iron; M Seal; Non- expansion
Weight / Kilogram	9.72
Manufacturer Name	SKF
Mass bearing unit	8.5 kg

Insert Part Number	YAR 216-2F
Bore Diameter (mm)	80
Bolt Spacing Maximum	0 Inch   0Millimeter
Bolt Spacing Minimum	0 Inch   0Millimeter
Minimum Buy Quantity	N/A
Base to Center Height	3.5 Inch   88.9 Millimeter
Housing Configuration	1 Piece Solid
Harmonized Tariff Code	8483.20.40.40
Fatigue load limit (Pu)	2,16
Manufacturer Item Number	SYJ 80 TF
Number of Mounting Holes	2
Expansion / Non-expansion	Non-expansion
Basic dynamic load rating C	72.8 kN
Actual Bolt Center to Center	9.1 Inch   232Millimeter
Nominal Bolt Center to Center	9.1 Inch   232 Millimeter
Basic static load rating (C0)	53 kN
Basic dynamic load rating (C)	72,8 kN
Thread grub screw G <sub>2</sub>	M10x1
Fatigue load limit P <sub>u</sub>	2.16 kN
Hexagonal key size for grub screw N	5 mm
Basic static load rating C <sub>0</sub>	53 kN
Recommended tightening torque for grub screw	16.5 N·m
Recommended diameter for attachment bolts, mm	20 mm

G	
Recommended diameter for attachment bolts, inch G	0.75 in