



NACHI BEARINGS TRAINING INDUSTRY



SKF SYJ 40 TF bearing units

Bearing No. SYJ 40 TF

SYJ 40 TF Bearing 2D drawings and 3D CAD models

Bore Diameter	40 mm
d	40 mm
s1	30,2 mm
A	49 mm
A1	31 mm
B	49,2 mm
G	14 mm
H	99 mm
H1	49,2 mm
H2	18 mm
J	136,5 mm
L	184 mm
N	25,5 mm
N1	17 mm
Weight	1,85 Kg
Basic dynamic load rating (C)	30,7 kN
Basic static load rating (C0)	19 kN
Fatigue load limit (Pu)	0,8
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.85
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw



NACHI BEARINGS TRAINING INDUSTRY

Housing Style	2 Bolt Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	14 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 208-2F
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; 40MM Bore; 49.2MM 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	http://www.skf.com
Manufacturer Item Number	SYJ 40 TF
Weight / LBS	4.08
Nominal Bolt Center to Center	5.4 Inch 136 Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Base to Center Height	1.937 Inch 49.2 Millimeter
Length Thru Bore	1.937 Inch 49.2 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Bore	1.575 Inch 40 Millimeter
Actual Bolt Center to	5.4 Inch 136Millimeter



NACHI BEARINGS TRAINING INDUSTRY

Center	
Housing material	Cast iron
A ₁	31 mm
B ₄	8 mm
H ₁	49.2 mm
H ₂	18 mm
J max.	145 mm
J min.	128 mm
N ₁	17 mm
s ₁	30.2 mm
R _G	1/4-28 UNF
R ₁	3.5 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	170 mm
J ₇	17.5 mm
N ₄	4 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C ₀	19 kN
Fatigue load limit P _u	0.8 kN
Limiting speed	4800 r/min
Mass bearing unit	1.8 kg
Thread grub screw G ₂	M8x1
Hexagonal key size for grub screw N	4 mm
Recommended tightening torque for grub screw	6.5 N · m
Recommended diameter for attachment bolts, mm G	14 mm
Recommended diameter for attachment bolts, inch G	0.5625 in