



PCIF BEARING LIMITED



skf syj 90 tf bearing

Bearing No. syj 90 tf

syj 90 tf Bearing 2D drawings and 3D CAD models

Bore Diameter	90 mm
d	90 mm
s1	54 mm
A	88 mm
A1	54 mm
B	89 mm
G	22 mm
H	201 mm
H1	101,6 mm
H2	33 mm
J	262 mm
L	327 mm
N	35 mm
N1	27 mm
Weight	14 Kg
Basic dynamic load rating (C)	95,6 kN
Basic static load rating (C0)	72 kN
Fatigue load limit (Pu)	2,7
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	14.03
EAN	7316570168969
Product Group	M06110
Number of Mounting Holes	2



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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	22 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 218-2F
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; 90MM Bore; 100MM 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 90 TF
Weight / LBS	30.9
Nominal Bolt Center to Center	10.3 Inch 260.5 Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Actual Bolt Center to Center	10.3 Inch 262Millimeter
Bore	3.543 Inch 90 Millimeter
Base to Center Height	3.937 Inch 100 Millimeter



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Length Thru Bore	3.504 Inch 89 Millimeter
Bolt Spacing Minimum	0 Inch 0 Millimeter
Housing material	Cast iron
A ₁	54 mm
B ₄	12 mm
H ₁	101.6 mm
H ₂	33 mm
J max.	270 mm
J min.	254 mm
N ₁	27 mm
s ₁	54 mm
R _G	1/4-28 UNF
R ₁	8.5 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
J ₆	303 mm
J ₇	32 mm
N ₄	4 mm
Basic dynamic load rating C	95.6 kN
Basic static load rating C ₀	72 kN
Fatigue load limit P _u	2.7 kN
Limiting speed	2000 r/min
Mass bearing unit	12.7 kg
Thread grub screw G ₂	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	22 mm
Recommended diameter for	0.875 in



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attachment bolts, inch G	
Housing	SYJ 518
Bearing	YAR 218-2F