



SYF 30 TF Bearing 2D drawings and 3D CAD models

SKF SYF 30 TF bearing units

Bearing No. SYF 30 TF

Size	30x40x25 mm
Bore Diameter	30 mm
Outer Diameter	40 mm
Width	25 mm
d	30 mm
A	40 mm
A ₁	25 mm
B	38.1 mm
H	82 mm
H ₁	42.9 mm
J	76.2 mm
L	98 mm
s ₁	22.2 mm
D _N	6.5 mm
SW _N	7 mm
G _N - 1/4-28 SAE-LT	1/428 SAELT
R _G - 1/4-28 UNF	1/428 UNF
R ₁	3 mm
R	45 °
Basic dynamic load rating - C	19.5 kN
Basic static load rating - C ₀	11.2 kN
Fatigue load limit - P _u	0.475 kN
Limiting speed	6300 r/min
Calculation factor - f ₀	14



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Weight	0.94 kg
Housing thread for attachment bolts - G	M10
Thread length - G ₁	15 mm
Hexagonal key size for grub screw - H	3 mm
Recommended tightening torque for grub screw	4 N · m
Housing	SYF 506
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	0.9
EAN	7316570497137
Product Group	M06110
Number of Mounting Holes	2
Mounting Method	Set Screw
Housing Style	2 Bolt Tap Base Pillow Block
Rolling Element	Ball Bearing
Housing Material	Cast Iron
Expansion / Non-expansion	Non-expansion
Mounting Bolts	10 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 206-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Short Base Y Bearing With Grub Screw
Long Description	2 Bolt Tap Base Pillow Block; 30MM Bore; 42.9MM Base to Center Height; Set Screw Mount;



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	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	SYF 30 TF
Weight / LBS	1.98
Base to Center Height	1.689 Inch 42.9 Millimeter
Bolt Spacing Maximum	0 Inch 0Millimeter
Nominal Bolt Center to Center	3 Inch 76 Millimeter
Bolt Spacing Minimum	0 Inch 0Millimeter
Length Thru Bore	1.5 Inch 38.1 Millimeter
Actual Bolt Center to Center	3 Inch 76Millimeter
Bore	1.181 Inch 30 Millimeter
Housing material	Cast iron
A ₁	25 mm
B ₄	5 mm
H ₁	42.9 mm
s ₁	22.2 mm
R _G	1/4-28 UNF
R ₁	3 mm
R	45 °
D _N	6.5 mm
SW _N	7 mm
G _N	1/4-28 SAE-LT
Basic dynamic load rating C	19.5 kN
Basic static load rating C ₀	11.2 kN



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Fatigue load limit P_u	0.475 kN
Mass bearing unit	0.94 kg
Housing thread for attachment bolts G	M10
Thread length G_1	15 mm
Thread grub screw G_2	M6x0.75
Hexagonal key size for grub screw N	3 mm