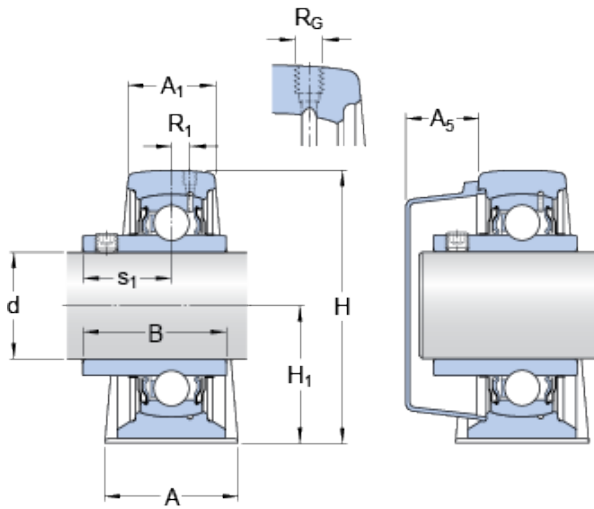




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SKF SY 40 TF bearing units

Bearing No. SY 40 TF

Size	40x48x30 mm
Bore Diameter	40 mm
Outer Diameter	48 mm
Width	30 mm
d	40 mm
A	48 mm
A ₁	30 mm
A ₅	23.5 mm
B	49.2 mm
H	99 mm
H ₁	49.2 mm
H ₂	19 mm
J	135.5 mm
J - max.	146 mm
J - min.	125 mm
L	175 mm
H	24.5 mm
N ₁	14 mm
s ₁	30.2 mm
J ₆	161 mm
J ₇	17 mm
N ₄	4 mm
D _N	6.5 mm
SW _N	7 mm
	1/428 SAELT

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



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G^N - 1/4-28 SAE-LT



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R _G - 1/4-28 UNF	1/428 UNF
R ₁	3.5 mm
R	45 °
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
Weight	1.75 kg
Hexagonal key size for grub screw - H	4 mm
Category	Pillow Block Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
Weight / Kilogram	1.8
EAN	7316577028433
Product Group	M06110
Number of Mounting Holes	2
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	12 Millimeter
Relubricatable	Yes
Insert Part Number	YAR 208-2F
Seals	M Seal
Housing Configuration	1 Piece Solid
Inch - Metric	Metric
Other Features	Single Row Standard Duty Wide Inner Race Y Bearing Has Flinger



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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	SY 40 TF
Weight / LBS	3.97
Base to Center Height	1.937 Inch 49.2 Millimeter
Nominal Bolt Center to Center	5.4 Inch 136 Millimeter
Actual Bolt Center to Center	5.3 Inch 134.3 Millimeter
Bore	1.575 Inch 40 Millimeter
Bolt Spacing Maximum	0 Inch 0 Millimeter
Bolt Spacing Minimum	0 Inch 0 Millimeter
Length Thru Bore	1.937 Inch 49.2 Millimeter
mounting:	Two-Bolt Base
overall width:	30 mm
bore diameter:	40 mm
radial dynamic load capacity:	30.7 kN
bore type:	Round
radial static load capacity:	19 kN
base to bore centerline:	1.9370 in
base width:	48 mm
housing material:	Cast Iron
bolt center-to-center length:	135.5 mm
locking device:	Set Screw



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maximum rpm:	4800 RPM
expansion type:	Non-Expansion Bearing (Fixed)
lubrication type:	Lubrication Fitting
overall length:	175 mm
series:	SY
overall height:	99 mm
replacement bearing:	YAR 208-2F
finish/coating:	Uncoated
standards met:	ISO
Housing material	Cast iron
A ₁	30 mm
A ₅	23.5 mm
B ₄	8 mm
H ₁	49.2 mm
H ₂	19 mm
J max.	146 mm
J min.	125 mm
N	24.5 mm
N ₁	14 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	161 mm
J ₇	17 mm
N ₄	4 mm
Basic dynamic load rating C	30.7 kN
Basic static load rating C ₀	19 kN



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Fatigue load limit P_u	0.8 kN
Mass bearing unit	1.75 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	12 mm
Recommended diameter for attachment bolts, inch G	0.5 in